TAXILA

TAXILA

AN ILLUSTRATED ACCOUNT OF

ARCHAEOLOGICAL EXCAVATIONS

CARRIED OUT AT TAXILA
UNDER THE ORDERS OF THE GOVERNMENT OF INDIA
BETWEEN THE YEARS 1913 AND 1934

IN THREE VOLUMES

BY

SIR JOHN MARSHALL

C.I.E., LITT.D., F.B.A.

Hon. Fellow of King's College, Cambridge,
Correspondent of the Institut de France,
Formerly Director-General of
Archaeology in India

VOLUME III

PLATES

MOTILAL BANARSIDASS
DELHI :: PATNA :: VARANASI

MOTILAL BANARSIDASS
Indological Publishers & Booksellers
Head Office : BUNGALOW ROAD, JAWAHAR NAGAR, DELHI-7
Branches : 1. CHOWK, VARANASI-1 (U.P.)
2. ASHOK RAJPATH, PATNA-4 (BIHAR)

© Archaeological Survey of India New Delhi

First Edition By Cambridge University Press 1951
Reprinted By Motilal Banarsidass 1975

Price Rs. 400.00 (for 3 Volumes)

Printed in India
BY SHANTILAL JAIN, AT SHRI JAINENDRA PRESS, BUNGALOW ROAD, JAWAHAR NAGAR, DELHI-7 AND PUBLISHED BY SUNDARLAL JAIN, FOR MOTILAL BANARSIDASS, BUNGALOW ROAD, JAWAHAR NAGAR, DELHI-7

LIST OF PLATES

STRUCTURAL REMAINS

1 General site plan of Taxila. (*Drawing.*)

2 Plan of East Group of remains excavated on the Bhir Mound. (*Drawing.*)

3 Bhir Mound

(*a*) East Group of remains: south-western section, from east.

(*b*) The same: north-western section, from south-east. (*Photos.*)

4 Bhir Mound

(*a*) East Group of remains: general view from north.

(*b*) The same, showing small square, with Third Street leading out from it (where man is standing). (*Photos.*)

5 Bhir Mound

(*a*) An example of superimposed walls of the first, second and third strata. Observe the break between the third and second strata (squares 9·61′–62′).

(*b*) A deep excavation in north-west section, showing walling of fourth stratum at bottom and of first stratum at top.

(*c*) Foundations of pillars belonging to third stratum in squares 15–16·59′–60′, from north-west.

(*d*) Pillar foundation beneath wall of third stratum in square 7·58′. (*Photos.*)

6 Bhir Mound

(*a*) Chambers in House A, East Group, showing two typical examples of window slits. The upper window, which belongs to the second stratum, is about 2 ft. above the lower.

(*b*) Specimen of soak-well made of earthenware rings.

(*c*) Soak-well made of earthenware jars placed one above another, with their bottoms removed. In Second Street, between Blocks D and G.

(*d*) Section of drain lined with slate slabs running from Court C to Lane 2 behind Pillared Hall (West Group). (*Photos.*)

7 Bhir Mound

(*a*) Blocks M, N, P, Q and R, East Group, from south-east.

(*b*) Pillared Hall in West Group, from south-east.

(*c*) View of West Group of remains from south-west.

(*d*) Example of a foundation pillar in House D, room 5. It is surmounted by the remains of a square pillar or wall. (*Photos.*)

8 Bhir Mound

Plan of Houses K and H in East Group of buildings. (*Drawing.*)

9 Bhir Mound

Plan of West Group of buildings, with Pillared Hall. (*Drawing.*)

10 Sirkap

Plan of excavated area in lower city of Sirkap. (*Drawing.*)

11 Sirkap

(*a*) View of north wall of city, with bastions, from north.

(*b*) Site of the northern gateway, marked by gap in the fortifications, with peep into city beyond.

(*c*) Hathiāl spur to south of lower city, as seen from the north, with ruins of Kunāla Monastery near top, and section of city wall ascending hill to left. The wall is marked by line of deep shadow. (*Photos.*)

12 Sirkap

(*a*) Exterior of north wall of city, from north-east. In foreground, to left, can be seen the west face of the northern gateway, and beneath surface of berm in first bay to right, the remains of pre-Greek water channels.

(*b*) Stretch of north wall further to west, showing part, to right, before repairs.

(*c*) Greek stratum of remains in Block 1′, with inner face of city wall to right of picture.

(*d*) View of excavation below First Street looking east, with inner face of city wall to left and remains of Block 1′ to right. (*Photos.*)

13 Sirkap

(*a*) Section of city wall on east side of Sirkap, with foundation footings in foreground, from south-east.

(*b*) Remains of small fire-place (*chulā*) in room of fourth stratum in Block 1′, House 2. (*Photos.*)

14 Sirkap

(*a*) View from the royal palace (Block K), with the flat-topped acropolis in the middle distance, beyond.

(*b*) Another distant view of the acropolis from amid the ruins of Block D′. (*Photos.*)

15 Sirkap

Plans and section of strata I–VI in House 2, Block 1′. (*Drawings.*)

16 Sirkap

(*a*) Third and fourth strata of House 2, Block 1′, from north-east. The remains of the first and second strata in the neighbouring Block A′ can be seen above the level of the pathway beyond.

(*b*) The same from the north-west. (*Photos.*)

17 Sirkap

(*a*) Ruins of fourth and fifth strata in Blocks A′ and B′ (Houses 3A′ and 2B′) from north-west. Note large refuse pit to right of picture.

(*b*) Ruins of fourth stratum in Block B′ (House 2) from west. (*Photos.*)

18 Sirkap

(*a*) and (*b*) Plans and section of strata II–VI in Block C″ from north-west. (*Drawings.*)

19 Sirkap

(*a*) Fourth and fifth strata in Block C″ from north-west.

(*b*) A deep cutting beneath south-east area of Block C″, from north-east (*Photos.*)

20 Sirkap

(*a*) Side of Block I′ from south, showing stratification of walls of successive strata.

(*b*) Legs of image throne(?) in fifth stratum of Block C″. The throne was of wood covered with copper sheeting. Cf. Pl. 210, *h* for detail of its acanthus decoration. (*Photos.*)

21 Sirkap

(*a*) Blocks G (r.) and H from north-east, with Ninth Street between. Note remains of street drains exposed to view.

(*b*) Blocks H and I from east, with Tenth Street and remains of street drains.

(*c*) Characteristic house-drain of earthenware disclosed in a trial trench (B) near western edge of Sirkap. Cf. 'Pottery', ch. 23, nos. 208 *sqq.* and Pl. 127.

(*d*) Meandering drain of masonry in same area as foregoing. (*Photos.*)

22 Sirkap

(*a*) The Main Street of the Śaka-Parthian city, as seen from near the northern gateway.

(*b*) View of the Śaka-Parthian city looking south-west from the east end of Block A. To the left of the picture may be seen the great stūpa-temple in Block D, and beyond it, in the distance, the flat-topped acropolis. (*Photos.*)

23 Sirkap

(*a*) Plinth of Jaina(?) stūpa in Block A, from south-east.

(*b*) The same, showing smaller stūpa on its south side and two little votive stūpas in foreground.

(*c*) A fallen section of railing from the plinth of main stūpa in Block A. The railing is made of lime plaster on a kañjūr core.

(*d*) Base of small stupa near eastern limit of Block A. (*Photos.*)

24 Sirkap

Plan of the great apsidal stūpa-temple and neighbouring blocks to south and west. (*Drawing.*)

25 Sirkap

(*a*) The great stūpa-temple in Block D, from south-west, showing approach from Main Street.

(*b*) Buildings at the back of the great stūpa-temple, where the buried treasure described on pp. 156 *sqq.* was found. (*Photos.*)

26 Sirkap

(*a*) The great stūpa-temple in Block D, as seen from the eastern end of courtyard.

(*b*) A deep cutting on the south side of the temple showing walls of earlier strata beneath it.

(*c*) A small votive stūpa from the Jaina(?) shrine in Block A. (*Photos.*)

27 Sirkap

(*a*) Stūpa in Block E overthrown by earthquake.

(*b*) Plinth of Śaka stūpa, damaged by earthquake, in Block G.

(*c*) A hoard of gold and silver articles discovered in chamber behind the great stūpa-temple.

(*d*) Crowning lion of column from stūpa base in Block G. (*Photos.*)

28 Sirkap

Plan and elevation of stūpa in Block F. (*Drawings.*)

29 Sirkap

Plan and elevation of stūpa in Block G. (*Drawings.*)

30 Sirkap

(*a*) Stūpa in Block F, from west.

(*b*) Stūpa in Block G, from west (restored). (*Photos.*)

31 Sirkap

(*a*) Block F: Great court (2 F) partly excavated at east end of block, from north-east.

(*b*) Part of the royal palace, looking into the 'Court of Private Audience', from north-east. (*Photos.*)

32 Sirkap

Plan of Block H. (*Drawing.*)

33 Sirkap

Plan of the royal palace. (*Drawing.*)

34 Sirkap

(*a*) A chamber leading off from the 'Court of Private Audience' in the royal palace.

(*b*) Part of the women's quarters in the royal palace. Where the boy is standing is the private stūpa-shrine with votive tanks alongside.

(*c*) A section of the plinth railing, *harmikā* and umbrellas from the shrine of the double-headed eagle in Block F.

(*d*) Aramaic inscription built into a wall of Block F.

(*e*) Three of the votive tanks ranged at the foot of the stūpa-shrine shown in (*b*). (*Photos.*)

35 Sirkap

(*a*) Copper inkpot, ladles and other objects in a broken earthenware vessel in Block E′.

(*b*) Corner of a court in Block D′, showing characteristic rubble masonry on left and diaper on right. Observe window slit in corner and drain in foreground.

(*c*) Casket of grey schist from Block G.

(*d*) Casket of grey schist from relic chamber of stūpa in Block G.

(*e*) Small gold box and ram pendant of carnelian in foregoing casket.

(*f*) Stūpa casket of grey schist and potstone image of goddess with *cornucopia* buried under floor in Block C′.

(*g*) The foregoing stūpa casket set up erect. It contained the conical clay sealing figured in Pl. 36, *e*.

(*h*) Schist stūpa casket from Block C′. (*Photos.*)

36 Sirkap

(*a*) Fragments of crystal casket from relic chamber of stūpa in Block A.

(*b*) Cylindrical casket of schist with cordon decoration from Block C.

(*c*) Stūpa casket of schist from Block C.

(*d*) Copper casket of the Śaka period from Block E. ('Copper and Bronze Objects', ch. 28, no. 252, *a*.)

(*e*) Conical sealing from interior of stūpa casket figured in Pl. 35, *g*.

(*f*) Casket and incised base from stūpa in Block G (Pl. 35, *d*).

(*g*) Spherical casket of schist and cover from Block E′.

(*h*) *Pyxis* casket of schist from stūpa in the royal palace.

(*i*) Stūpa casket of schist from debris of palace stūpa-court.

(*j*) Stūpa casket of schist from Block D′. (*Photos.*)

37 Sirkap

(*a*) Block F′, from west.

(*b*) West end of Block E′, from south.

(*c*) Plinth of stūpa in Block E′, from south-east.

(*d*) North-west part of Block D′, from north. (*Photos.*)

38 Sirkap

Plan of Block D′, showing strata I–IV. (*Drawing.*)

39 Mahal

Plan of large house or palace at Mahal in Sirkap. (*Drawing.*)

40 Mahal

(*a*) View of remains from south-east.

(*b*) View of remains from north. (*Photos.*)

41 Mahal

(*a*) General view of Mahal site from north-east, showing east to west trial trench and ruins beyond.

(*b*) Group of copper vessels, hidden in the heart of a thick wall at Mahal, lying as found.

(*c*) Specimen of earlier rubble walling at Mahal.

(*d*) Specimen of later rough diaper walling at Mahal. (*Photos.*)

42 Sirsukh

(*a*) Plan and sections of fortifications, south-east corner.

(*b*) Plan of partly excavated building at Tofkiāñ in Sirsukh. (*Drawings.*)

43 Sirsukh

(*a*) View of Sirsukh fortifications from east.

(*b*) View of partly excavated building at Tofkiāñ from south-east. (*Photos.*)

44 The temple at Jaṇḍiāl

(*a*) Plan.

(*b*) Details of pillar capitals and base mouldings. (*Drawings.*)

(*c*) View of pronaos from south-east. (*Photo.*)

45 Dharmarājikā

Plan of stūpa area. (*Coloured drawing.*)

46 Dharmarājikā. Stūpa area

(*a*) Base mouldings of stūpa K 1.

(*b*) Side elevation of eastern steps of Great Stūpa.

(*c*) Elevation of berm and ornamental band above of Great Stūpa.

(*d*) Elevation of Great Stūpa, from east. (*Drawings.*)

47 Dharmarājikā. Stūpa area

(*a*) View of Great Stūpa, from north-west.

(*b*) View of Great Stūpa, from south-west. (*Photos.*)

(*Note.* The two small round stūpas are D 2 (l.) and D 1.)

48 Dharmarājikā. Stūpa area

(*a*) The ruined dome of the Great Stūpa showing one of the construction walls radiating from its centre.

(*b*) The face of the berm and ornamental band above. (*Photos.*)

49 Dharmarājikā. Stūpa area

(*a*) Close-up view of stūpa D 1 (l.) and Chapel D 6 built on to it.

(*b*) Crystal lion from stūpa N 7.

(*c*) Ivory caskets from stūpa S 9.

(*d*) Schist casket from stūpa T 1.

(*e*) Schist bowl from stūpa U 1. (*Photos.*)

50 Dharmarājikā. Stūpa area

Eighteen relic caskets from small stūpas at Dharmarājikā. (*Drawings.*)

51 Dharmarājikā. Stūpa area

Gold reliquaries, beads and other objects from small stūpas. (*Photos.*)

(*a*) Reliquary from R 4.

(*b*) Reliquary from S 8.

(*c*), (*d*), (*e*) Three gold safety pins from S 8.

(*f*) Reliquary from B 6.

(*g*) Beads from S 8.

(*h*), (*i*) Reliquaries from J 2.

(*j*) Beads from J 2.

(*k*), (*l*) Reliquaries from T 1.

(*m*) Clay balls from S 10.

(*n*) Selection of beads from stūpa B 6.

52 Dharmarājikā. Stūpa area

(*a*) Schist vase from stūpa S 8.

(*b*) Foundation of stūpa in cell E 2.

(*c*) Base of stūpa D 3 surmounted by wall of later chapel; to right, back wall of chapel D 5.

(*d*) The plinth of stūpa N 4, from east. (*Photos.*)

53 Dharmarājikā. Stūpa area

(*a*) Tank of Śaka period, with steps at north end. Above steps, stūpa K 2; to left, stūpa K 1.

(*b*) Beads and gems from stūpa U 1.

(*c*) Hand copy by the author of inscription of the year 136 from chapel G 5. (*Photos.*)

54 Dharmarājikā. Stūpa area

(*a*) Plinth of stupa R 1, from west.

(*b*) Specimens of stucco figures in the Gandhāra style decorating the west face of the above plinth.

(*c*) Similar, on north side of pylon. (*Photos.*)

55 Dharmarājikā. Stūpa area

1–12. Examples of stone masonry at the Dharmarājikā illustrating its evolution from first century B.C. to medieval period.

1. D 2, from south-west.
2. G 6.
3. Dh. monastery S.
4. B 5, from north.
5. J 3.
6. D 5.
7. P 1.
8. R 1.
9. B 23.
10. South gateway.
11. R 7.
12. P 2. (*Photos.*)

56 Dharmarājikā. Stūpa area

(*a*) Stūpas J 2 and J 3, from north-west.

(*b*) Plinth of stūpa R 1, with later walling concealing most of the south façade. Above plinth, diaper wall of later chapel.

(*c*) Stūpa N 4, from south-west.

(*d*) Stūpa J 1, from south-west. (*Photos.*)

57 Dharmarājikā. Stūpa area

(*a*) Plinth of stūpa K 1, from south-east.

(*b*) Central bay of above on north face, with Buddha image in niche.

(*c*) Stūpa P 6, from south-west.

(*d*) North entrance to *pradakshiṇā* of Great Stūpa enclosed by later chapel, B 1, from north. (*Photos.*)

58 Dharmarājikā. Stūpa area

(*a*) Stūpa J 1: upper frieze, from north-west.

(*b*) The same: lower frieze, from south-west. (*Photos.*)

59 Dharmarājikā. Stūpa area

(*a*), (*b*) Stucco images on north and south walls of chapel N 18.

(*c*) Chapel N 18, from west. (*Photos.*)

60 Dharmarājikā. Stūpa area

(*a*) Chapel S 3, from west.

(*b*) Plinth of small chapel between N 16 and N 17, from west.

(*c*) Stūpa-chapel N 16, from west.

(*d*) Stūpa U 1, from south. (*Photos.*)

61 Dharmarājikā

Plan and sections of monastery area. (*Drawing.*)

62 Dharmarājikā. Monastery area

(*a*) Stūpa 1, from south-east, with remains of later chapel at south-east corner.

(*b*) Stūpa 2, from south-west, with entrance to court J in background on right, and outer wall of court H on left. (*Photos.*)

63 Dharmarājikā. Monastery area

(*a*) Interior of court H, from north-east.

(*b*) Outer wall of court H, from south-west, with platform in front of entrance. (*Photos.*)

64 Dharmarājikā. Monastery area

(*a*) Remains of chambers W 1–2, south-west of stūpa 4, with later drain driven underneath.

(*b*) Assembly hall G*a* (with man standing by north wall), and chambers G*b* and G*c*, as seen from top of stupa 1.

(*c*) South-west corner of court H, showing walls of three periods, from north.

(*d*) Court H, with drains of two periods on north side. (*Photos.*)

65 Dharmarājikā. Monastery area

(*a*) Stone and gold caskets from stūpa 4.

(*b*) Earthenware incense bowl from court B.

(*c*) Stucco head of Bodhisattva from court B.

(*d*) Copper finial from court G.

(*e*) Elephant and eagle capital from court G.

(*f*) Earthenware incense burner from court H.

(*g*) Terra-cotta plaque from court G.

(*h*) Stone figure of Kuvera(?) from court A. (*Photos.*)

66 Dharmarājikā. Skeletal remains in court J (as numbered in the field)

(*a*) Skeleton no. 1.

(*b*) Skeleton no. 2.

(*c*) Skeleton no. 3.

(*d*) Skeleton no. 4. (*Photos.*)

67 Khāderṛ Mohṛā, Akhaurī, etc. (=Chir Tope A–D)

(*a*) and (*b*) Plans of remains at Chir Tope A and B (Akhaurī). (*Drawings.*)

68 Khāderṛ Mohṛā, Akhaurī, etc.

(*a*) and (*b*) Plans of remains at Chir Tope C and D 1 (Khāderṛ Mohṛā). (*Drawings.*)

69 Khāderṛ Mohṛā, Akhaurī, etc.

(*a*) Plan of remains at Chir Tope D 2 (Khāderṛ Mohṛā). (*Drawing.*)

(*b*) The same site: view of stūpa C from north-east.

(*c*) North-east corner of stūpa C, showing coarse diaper masonry beneath broken plaster.

(*d*) Chir Tope B (Akhaurī): view of entrance hall of monastery from north-west. (*Photos.*)

70 Khāder Mohṛā, Akhaurī, etc.

(*a*) Early diaper work in outer wall of assembly hall.

(*b*) Late diaper work influenced by semi-ashlar, in east wall of entrance hall.

(*c*) Another variety of late diaper in chapel F25.

(*d*) Boulder-in-mud work in interior walls of cells F6 and F7. (*Photos.*)

71 Khāder Mohṛā, Akhaurī, etc.

(*a*) Stūpa at Chir Tope A, from south-east.

(*b*) Stūpa at Chir Tope B (Akhaurī), from north-west.

(*c*) Stūpa at Chir Tope B (Akhaurī), from north.

(*d*) Stūpa at Chir Tope C, from south-west. (*Photos.*)

72 Kālawān

Plan of *saṅghārāma* at Kālawān. (*Drawing.*)

73 Kālawān

(*a*) Conjectural restoration of stūpa in F12.

(*b*) Plan of small monastery H and stūpa-court.

(*c*) Section of stūpa A1.

(*d*) Section of stūpa A4. (*Drawings.*)

74 Kālawān

(*a*) View of main stūpa A4 and other buildings from north-east.

(*b*) Stūpa-court A, from south-west. (*Photos.*)

75 Kālawān

(*a*) General view from above of monastic courts D, E and F, with stūpa-court and chapels beyond, from south-east.

(*b*) Western court of cells B, from south-east. (*Photos.*)

76 Kālawān

(*a*) Chapel A13, from south-west.

(*b*) Stūpa 1 at monastery H, from south.

(*c*) Terrace and chapels A24–A26, from north-east.

(*d*) Interior of court F, from north-east. (*Photos.*)

77 Kālawān

(*a*) Group of terra-cotta figures in alcove B20, showing positions of fallen heads.

(*b*) Steps leading to terrace in front of court C, from north-east.

(*c*) Front chamber of chapel A1, with pavement of blue glass tiles.

(*d*) View of retaining walls outside south-east corner of court F. (*Photos.*)

78 Kālawān

(*a*) Close-up view of terra-cotta figures in alcove B20, left side.

(*b*) The same: right side. (*Photos.*)

79 Kālawān

(*a*) Stūpa in cell F12.

(*b*) Relic chamber and cover of small stūpa.

(*c*) Doorway in court B, showing chases for timber sunk in clay facing.

(*d*) Interior of monastery H, with cells on left and common-room on right. (*Photos.*)

80 Kālawān

(*a*) Copper plate inscription from stūpa A1.

(*b*) Gandhāra sculpture (='Stone Sculptures', ch. 36, no. 96) from chapel A1.

(*c*) Caskets and other articles from relic chamber of A1.

(*d*) Gold reliquary from stūpa in A13.

(*e*) Silver reliquary from stūpa A13.

(*f*) Spherical casket of schist from stūpa A9.

(*g*) Stūpa-shaped casket covered with gold leaf, from stūpa A1.

(*h*) Copper lid of vessel from room B21.

(*i*) Casket of schist from stūpa A13.

(*j*) Copper lid from room B21. (*Photos.*)

81 Giri

Map of the fortress and monasteries at Giri. (*Drawing.*)

82 Giri

(*a*) Plan of stūpa A and monastery B.

(*b*) Plan of stūpa C and monastic courts D and E. (*Drawings.*)

(*c*) Interior of court of cells D, from south. (*Photo.*)

83 Giri

(*a*) Remains of main stūpa C, with smaller stūpas, from north-west.

(*b*) View of courts D and E, from stūpa C. (*Photos.*)

84 Giri

(*a*) Courts C, D and E, from south-east.

(*b*) Court B, from north. (*Photos.*)

85 Giri

(*a*) Fallen stucco reliefs on west façade of stūpa C.

(*b*) Monastery D-E, showing flight of steps at side of refectory. (*Photos.*)

86 Kunāla *Saṅghārāma*

(*a*) Plan of monastery.

(*b*) Plan and details of stūpa. (*Drawings.*)

87 Kunāla *Saṅghārāma*

(*a*) View of stūpa from north-west, showing small stūpa immured in its core.

(*b*) Outer face of south wall of monastery, from south-west. (*Photos.*)

88 Kunāla *Saṅghārāma*

(*a*) Interior of monastery, from north-west.

(*b*) The same: north-west side, showing character of semi-ashlar masonry. (*Photos.*)

89 Ghai

(*a*) Plan of monastery. (*Drawing.*)

(*b*) View of monastery from east. (*Photo.*)

90 Jaṇḍiāl, A site

Plan, elevation and details of stūpa. (*Drawings.*)

91 Jaṇḍiāl, B site

Plan, elevation and details of monastery and stūpas. (*Drawings.*)

92 Jaṇḍiāl B and Mohṛā Morādu

(*a*) View of stūpas at Jaṇḍiāl B from south.

(*b*) View of main stūpa at Mohṛā Morādu from north-east. (*Photos.*)

93 Mohṛā Morādu

(*a*) Plan and sections of monastery.

(*b*) Plan, section and details of stūpas. (*Drawings.*)

94 Mohṛā Morādu

General view of monastery from south. (*Photo.*)

95 Mohṛā Morādu

(*a*) Exterior of monastery, north-west corner.

(*b*) Interior of monastery, from south-west. (*Photos.*)

96 Mohṛā Morādu

(*a*) Stucco images in interior of monastery.

(*b*) Steps leading to upper story in chamber 15 of monastery.

(*c*) Row of stucco figures on south face of steps of main stūpa. (*Photos.*)

97 Mohṛā Morādu

(*a*) South-east angle of main stūpa, with stairway on right and remains of drum above.

(*b*) Group of stucco figures in niche at entrance to monastery. (*Photos.*)

98 Pippala

(*a*) Plan of monasteries and stūpas. (*Drawing.*)

(*b*) Small stūpa in chamber 31. (*Photo.*)

99 Pippala

(*a*) Stūpa on north side of site, from south-east.

(*b*) The same, showing details of reliefs on south side. (*Photos.*)

100 Pippala

(*a*) Stūpa G, from south-west.

(*b*) Details of decoration on base of stūpa H in chamber 31.

(*c*) Stepped entrance to later monastery, from east.

(*d*) Cell 26, showing boulder-in-mud construction. (*Photos.*)

101 Jauliāñ

Plan, sections and details of *saṅghārāma*. (*Drawings.*)

102 Jauliāñ

(*a*) Outer wall of monastery, from south-west.

(*b*) Interior of court of cells, from north-east.

(*c*) Assembly hall and entrance from court of cells, from north-east.

(*d*) Retaining wall on south side of refectory, showing earlier diaper masonry and later repairs. (*Photos.*)

103 Jauliāñ

(*a*) Interior of monastery, showing groups of figures in wall niches on west side of court.

(*b*) Outer stūpa-court on west of site, with stūpa D6 and chapels C30–32 on left. (*Photos.*)

104 Jauliāñ

(*a*) General view of stūpa-courts from north-east.

(*b*) Steps and north-west corner of main stūpa, with smaller stūpas on right (A20, etc.). (*Photos.*)

105 Jauliāñ

(*a*) Remains of stucco reliefs on south side of main stūpa, with stūpas A10 and A11 in foreground.

(*b*) Colossal head of Buddha lying at south-west corner of main stūpa.

(*c*) Seated Buddha, with hole at navel, on north face of main stūpa. (*Photos.*)

106 Jauliāñ

(*a*) Remains of Buddha figures on north face of main stūpa.

(*b*) Stucco figures in front of chapel C34, on west side of entrance to main stūpa-court. (*Photos.*)

107 Jauliāñ

(*a*) Stūpas D1, D2 and D3, from north-east.

(*b*) Stūpa D4, from south-east.

(*c*) Stūpas A6, A7 and A8, from south-east.

(*d*) Throne in front of chapel B17. (*Photos.*)

108 Jauliāñ

(*a*) East face of main stūpa, with stūpas A5 and A6 alongside.

(*b*) Approach to main stūpa-court, from north.

(*c*) Chapel C15, with remains of three ladders.

(*d*) Steps outside south-east corner of main stūpa-court, with retaining wall to right. (*Photos.*)

109 Jauliāñ

(*a*)–(*g*) Specimens of Kharoshṭhī inscriptions on pedestals of images.

(*h*) Stucco reliefs at south-east corner of main stūpa.

(*i*) Entrance to monastery from lower stūpa-court, with image chapel E1 on left. (*Photos.*)

110 Jauliāñ

(*a*) Reliquary in stūpa form from stūpa A11.

(*b*) Stone image of Buddha in chapel E2.

(*c*) Stucco reliefs on west face of stūpa A11.

(*d*) Copper-gilt caskets from inside reliquary (*a*).

(*e*) Reliquary, casket and coins from stūpa A16.

(*f*) Entrance to cell 25, showing construction of sloping jambs. (*Photos.*)

111 Jauliāñ

View of stūpas D1-D4, showing character of modern roof protection. (*Photo.*)

112 Lālchak

Plans and sections of monastery and stūpas. (*Drawings.*)

113 Lālchak and Bhamāla

(*a*) The larger stūpa at Lālchak, from north-east.
(*b*) Interior of Lālchak monastery, from south-east.
(*c*) View of the site at Bhamāla before excavation. (*Photos.*)

114 Bhamāla

Plan and section of *saṅghārāma*. (*Drawing.*)

115 Bhamāla

(*a*) View of hill and terrace, with river in foreground.
(*b*) View of monastery looking east from main stūpa. (*Photos.*)

116 Bhamāla

(*a*) Main stūpa, from south-west.
(*b*) Monastery, from west. (*Photos.*)

117 Bhamāla. Main stūpa

(*a*) Northern flight of steps, from north-west.
(*b*) Northern flight of steps, from east.
(*c*) Eastern flight of steps.
(*d*) Western flight of steps. (*Photos.*)

118 Bhamāla

(*a*) South-east corner, showing *parinirvāṇa* relief, from east.
(*b*) Close-up of *parinirvāṇa* relief.
(*c*) West face of stūpa, south-west corner.
(*d*) Doorway of cell 6-7 in monastery, showing construction of sloping jambs.
(*e*) Projection on north side of monastery porch. (*Photos.*)

119 Bhamāla

(*a*) *Dharmacakra* design in tiled pavement in front of western steps of main stūpa.
(*b*) Pavement of patterned tiles in front of chapel B5. (*Photos.*)

120 Bhamāla

(*a*) Small stūpa A1, from north-east.
(*b*) Small stūpa A9, from east.
(*c*) Small stūpa A15, from east.
(*d*) Earthern *ghaṛa* inside stūpa A15. (*Photos.*)

120 A Sirkap and Mohṛā Maliārāñ

(*a*) Stūpa in Block E, Sirkap.
(*b*) Plan of shrine A, Mohṛā Maliārāñ.
(*c*) Capital and base of pillars in shrine A, Mohṛā Maliārāñ.
(*d*) Plan of shrine B, Mohṛā Maliārāñ. (*Drawings.*)

MINOR ANTIQUITIES

121 Pottery
Nos. 1–13, 15–29. (*Drawings.*)

122 Pottery
Nos. 30–59. (*Drawings.*)

123 Pottery
Nos. 60–84. (*Drawings.*)

124 Pottery
Nos. 85–93, 95–122. (*Drawings.*)

125 Pottery
Nos. 123–50. (*Drawings.*)

126 Pottery
Nos. 151–65, 170–97. (*Drawings.*)

127 Pottery
Nos. 200, 201, 203–14, 216–25. (*Drawings.*)

128 Pottery
Nos. 227–40, 243, 245, 247–51, 270, 271. (*Drawings.*)

129 Pottery
Nos. 14, 20, 27, 40, 48, 49, 61, 70–2, 78, 80, 81, 83, 86, 89, 91, 95, 128, 141, 159, 167–9, 174. (*Photos.*)

130 Pottery
Nos. 198, 199, 216, 221, 226, 228, 234–9. (*Photos.*)

131 Pottery
Nos. 240–6, 249, 250, 252–5, 258, 269, 273. (*Photos.*)

132 Terra-cottas
Nos. 1–26. (*Photos.*)

133 Terra-cottas
Nos. 27–35, *a*, 37–50. (*Photos.*)

134 Terra-cottas
Nos. 51–8, 60, 62, 64, 65, 67–72, 75, 77, 78, 82. (*Photos.*)

135 Terra-cottas
Nos. 83, 84, 87–90, 95–8, 101, 102, 105, 106, 108–10, 115, 117, 119–36. (*Photos.*)

136 Terra-cottas
Nos. 137–56, 158, 159, 161–3, *aa*, *bb*, *cc*. (*Photos.*)

137 Terra-cottas
Nos. 166, 167, 173–8, 187. (*Photos.*)

138 Terra-cottas
Nos. 136, *a*, *b*, 164, 165, 168–72, 179–85. (*Photos.*)

139 Terra-cottas
Nos. 181, 181, *a*. (*Photos.*)

140 Stone Objects
Nos. 1–5, 15–18, 23, 27–30, 32, 33, 37, 39–42, 45–9. (*Drawings.*)

141 Stone Objects
Nos. 51–4, 56, 58–61, 95, 96, 99–104, 107–10, 112. (*Drawings.*)

142 Stone Objects
Nos. 113–18, 120, 124, 125, 134–6, 140–52, 154–9, 161, 165. (*Drawings.*)

143 Stone Objects
Nos. 2, 9, 12, 16, 28, 30, 37, 40, 42, 43, 45, 46, 54, 55, 58–61. (*Photos.*)

144 Stone Objects
Nos. 62–72, 74. (*Photos.*)

145 Stone Objects
Nos. 73, 75–86. (*Photos.*)

146 Stone Objects
Nos. 88, 89, 91–4, 97, 99, 106, 111, 114, 116, 118, 119, 121, 127, *a*, 128, 133. (*Photos.*)

147 Stone Objects
Nos. 95–6, 129–32, 136, 139, 140, *b*, *c*, 141, 148, 153, 153, *r*. (*Photos.*)

148 Stucco Sculptures
Nos. 1–16. (*Photos.*)

149 Stucco Sculptures
Nos. 17–22, 27–9, 37, 38, *a*, 49, 50, *f*. (*Photos.*)

150 Stucco Sculptures
Nos. 30, 32. (*Photos.*)

151 Stucco Sculptures
No. 31. (*Photo.*)

152 Stucco Sculptures
Nos. 33, 34. (*Photos.*)

153 Stucco Sculptures
Nos. 35, 36, 38, 51. (*Photos.*)

154 Stucco Sculptures
Nos. 40, 44, 48. (*Photos.*)

155 Stucco Sculptures
Nos. 34, *a*, 41, 42. (*Photos.*)

156 Stucco Sculptures
Nos. 43, 45, 82, *a*. (*Photos.*)

157 Stucco Sculptures
Nos. 46, 47. (*Photos.*)

158 Stucco Sculptures
Nos. 52–66. (*Photos.*)

159 Stucco Sculptures
Nos. 67–72, 74–7. (*Photos.*)

160 Stucco Sculptures
Nos. 78–85, 86, *b*. (*Photos.*)

161 Stucco Sculptures
Nos. 86, *c*–102. (*Photos.*)

162 Iron Objects
Nos. 1–5, 7–9, 11, 13, 15–25. (*Drawings.*)

163 Iron Objects
Nos. 27–32, 34–45, 47. (*Drawings.*)

164 Iron Objects
Nos. 48–53, 55–63, 65–71. (*Drawings.*)

165 Iron Objects
Nos. 72–89, 93, 94, 96–8, 100, *a*, *b*. (*Drawings.*)

166 Iron Objects
Nos. 103–28. (*Drawings.*)

167 Iron Objects
Nos. 129–43, 145–7, 149–56. (*Drawings.*)

168 Iron Objects
Nos. 157–64, 166–81. (*Drawings.*)

169 Iron Objects
Nos. 182–204, 206, 207. (*Drawings.*)

170 Iron Objects
Nos. 54, 90–2, 99, 101, 102, 208–21. (*Drawings.*)

171 Copper, Bronze and Lead Objects
Nos. 1, 3–6, 9–17, 204–7, 252–4. (*Drawings.*)

172 Copper, Bronze and Lead Objects
Nos. 19–21, 23–32, 34–6, 91, 98, 109, 114, 115, 420. (*Drawings.*)

173 Copper, Bronze and Lead Objects
Nos. 212–35, 237–42, 244, 340–3, 366, 370, 372. (*Drawings.*)

174 Copper, Bronze and Lead Objects
Nos. 255–64, 266–70, 272–9. (*Drawings.*)

175 Copper, Bronze and Lead Objects
Nos. 280–5, 287–313. (*Drawings.*)

176 Copper, Bronze and Lead Objects
Nos. 314–16, 318–35, 344–56. (*Drawings.*)

177 Copper, Bronze and Lead Objects
Nos. 357, 359–61, 364, 365, 367–9, 373–82, 384–89, 393, 394. (*Drawings.*)

178 Copper, Bronze and Lead Objects
Nos. 400, 402, 403, 405–8, 410, 414–16. (*Drawings.*)

179 Copper, Bronze and Lead Objects
Nos. 22, 23, 25–8, 37–102. (*Photos.*)

180 Copper, Bronze and Lead Objects
Nos. 103–64. (*Photos.*)

181 Copper, Bronze and Lead Objects
Nos. 18, 21, 24, 33, 34, 165–203, 209. (*Photos.*)

182 Copper, Bronze and Lead Objects
Nos. 208, 211, 221–6, *a*, 228–39, 241–3, 245–52, 366. (*Photos.*)

183 Copper, Bronze and Lead Objects
Nos. 253, 259, 261, 262, 265, 268, 273, 292, 294, 296–300, 304, *a*. (*Photos.*)

184 Copper, Bronze and Lead Objects
Nos. 306–8, 310, 312–15, 317, 321–3, 327, *a*, 335, 355, 372.

Iron Objects
Nos. 48, 50–2. (*Photos.*)

185 Copper, Bronze and Lead Objects
Nos. 359, 360, 363–5, 387, 391, 395, 396, 398, 426–30.

Iron Objects
Nos. 100, *a*, *b*. (*Photos.*)

186 Copper, Bronze and Lead Objects
Nos. 397, 417–19, 421–5. (*Photos.*)

187 Silverware
Nos. 1–20, 22. (*Drawings.*)

188 Silverware
Nos. 1–5, 7–10, 13. (*Photos.*)

189 Silverware
Nos. 12, 14, 16–20. (*Photos.*)

190 Jewellery
Nos. 1–12, 15, 26–8. (*Photos.*)

191 Jewellery
Nos. 31–7, 44–5, 47–52, 59, 69, 74, 80, 82, 84, 85, 91, 92, 95–101, 167, 168, 173, 179–98, 212, 213. (*Photos.*)

192 Jewellery
Nos. 54, 55, 62–4, 66, 68, 70. (*Photos.*)

193 Jewellery
Nos. 56–8, 61. (*Photos.*)

194 Jewellery
Nos. 75–8. (*Photos.*)

195 Jewellery
Nos. 102, 105–21, 125–36, 144, 146, 147.

Copper, Bronze and Lead Objects
No. 7. (*Photos.*)

196 Jewellery
Nos. 137–43, 148–65. (*Photos.*)

197 Finger-rings
Nos. 2–6, 9–20, 22–6, 28, 29. (*Drawings.*)

198 Finger-rings
Nos. 32–8, 40–59. (*Drawings.*)

199 Bone and Ivory Objects
Nos. 1–3, 5–9, 11–19, 21–5, 28, 29, 33, 34, 49, 50, 52–6. (*Drawings.*)

200 Bone and Ivory Objects
Nos. 57–9, 61–8, 81, 82, 84, 92, 93, 97, 98, 115–18, 122. (*Drawings.*)

201 Shell Objects
Nos. 4, 16–41, 43, 48. (*Drawings.*)

202 Shell Objects
Nos. 1–13, 43, 46. (*Photos.*)

203 Pottery
Nos. 270, 271.

Stone Objects
Nos. 140, 145, 147, 151, 152, 158 and Class XXVIII (stone weights).

Bone and Ivory Objects
Nos. 43, 45–7, 82, 86–9, 91, 120, 121.

Shell Objects
Nos. 44, 45. (*Photos.*)

204 Pottery
Nos. 256, 256, 257, 259–68.

Bone and Ivory Objects
Nos. 83, 100, 102–4, 123–8. (*Drawings.*)

205 Iron Objects

Nos. 37, 96, 132, 147, 190, 198, 198, *b* (horse's bit from Central Asia).

Bone and Ivory Objects

Nos. 60, 115.

Shell Objects

Nos. 49, 50. (*Photos.*)

206 Bone and Ivory Objects

Nos. 24, 26–33, 35–7, 39, 40, 70, 71, 73, 75, 76, 81, 105–9, 111, 112, 114.

Iron Objects

Nos. 73, 74, 77, 78, 81, 83–6, 88, 89. (*Photos.*)

207 Seals

Nos. 1, 2, 4–6, 8–12, 14, 15, 18, 28–36, 39–41, 43.

Finger-rings

Nos. 41, 43, 46, 51, 53, 54, 71, *a*, 74, 75. (*Photos.*)

208 Seals

Nos. 16–27, 37, 38.

Finger-rings

Nos. 55, 56, 58, 59, 70.

Bone and Ivory Objects

No. 119.

Shell Objects

No. 42. (*Photos.*)

209 Finger-rings

Nos. 60–5.

Silverware

No. 21.

Glassware

Nos. 6, 8–13, 15, 18. (*Photos.*)

210 Glassware

Nos. 1–5, 18, 22 and bangles (*i*, *j*).

Wood

Carved wooden leg of throne from Sirkap, Block C' (*h*) (*Drawings.*)

211 Stone Sculptures

Nos. 1–4. (*Photos.*)

212 Stone Sculptures

Nos. 5–8. (*Photos.*)

213 Stone Sculptures

Nos. 9–14, 16, 18, 19. (*Photos.*)

214 Stone Sculptures

Nos. 22–5, 27–9, 35. (*Photos.*)

215 Stone Sculptures

Nos. 37–9, 45, 46, 51, 53, 59, 60. (*Photos.*)

216 Stone Sculptures

Nos. 62, 67–70, 72, 73, 77. (*Photos.*)

217 Stone Sculptures

Nos. 76, 78–80, 89, 90, 93, 106. (*Photos.*)

218 Stone Sculptures

Nos. 92, 94, 98–100. (*Photos.*)

219 Stone Sculptures

Nos. 104, 105, 110, 113. (*Photos.*)

220 Stone Sculptures

Nos. 114, 117–19. (*Photos.*)

221 Stone Sculptures

Nos. 121, 124–6, 129. (*Photos.*)

222 Stone Sculptures

Nos. 132–6, 138. (*Photos.*)

223 Stone Sculptures

No. 142. (*Photo.*)

224 Stone Sculptures

Nos. 141, 143, 144, 148. (*Photos.*)

225 Stone Sculptures

Nos. 147, 152, 156–8, 161. (*Photos.*)

226 Stone Sculptures

Nos. 115, 162, 166, 167, 179, 186, 196, 197. (*Photos.*)

227 Dharmarājikā Monastery. Court J

Skulls of skeletons 1–3. (*Photos.*)

228 Dharmarājikā Monastery. Court J
Skulls of skeletons 5 6. (*Photos.*)

229 Dharmarājikā Monastery. Court J
Plan showing position of skeletal remains. (*Drawing.*)

230 Devices on punch-marked coins other than those contained in two Bhir Mound hoards. (*Drawings.*)

231 Obverse devices on older class of punch-marked coins from the Bhir Mound. (*Drawings.*)

232 Reverse devices on older class of punch-marked coins from the Bhir Mound. (*Drawings.*)

233 Devices on older and later classes of punch-marked coins from the Bhir Mound. (*Drawings.*)

234 Specimens of older and later classes of punch-marked coins from the Bhir Mound. (*Photos.*)

235 Rare and Unique Coins
Nos. 1–38. (*Photos.*)

236 Rare and Unique Coins
Nos. 39–67. (*Photos.*)

237 Rare and Unique Coins
Nos. 68–91. (*Photos.*)

238 Rare and Unique Coins
Nos. 92 121. (*Photos.*)

239 Rare and Unique Coins
Nos. 122–49. (*Photos.*)

240 Rare and Unique Coins
Nos. 150–80. (*Photos.*)

241 Rare and Unique Coins
Nos. 181–214. (*Photos.*)

242 Rare and Unique Coins
Nos. 215–45. (*Photos.*)

243 Rare and Unique Coins
Nos. 246–74. (*Photos.*)

244 Rare and Unique Coins
Nos. 275–99. (*Photos.*)

245 Rare and Unique Coins
Nos. 300–19. (*Photos.*)

246 Rare and Unique Coins
Nos. 320–59. (*Photos.*)

PLATES

BHIR MOUND

(*a*) East Group of remains: south-western section, from east.

(*b*) The same: north-western section, from south-east.

PLATE 4

BHIR MOUND

(*a*) East Group of remains, general view from north.

(*b*) The same, showing small square, with Third Street leading out from it (where man is standing)

BHIR MOUND

(*a*) An example of superimposed walls of the first, second and third strata. Observe the break between the third and second strata (squares 9·61′–62′).

(*b*) A deep excavation in north-west section, showing walling of fourth stratum at bottom and of first stratum at top.

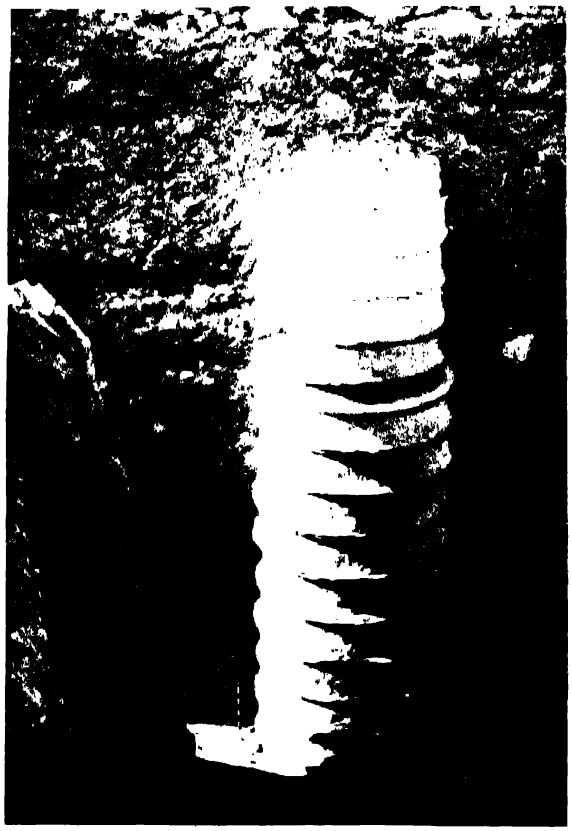
(*c*) Foundations of pillars belonging to third stratum in squares 15–16·59′–60′, from north-west.

(*d*) Pillar foundation beneath wall of third stratum in square 7·58′.

PLATE 6

BHIR MOUND

(*a*) Chambers in House A, East Group, showing two typical examples of window slits. The upper window, which belongs to the second stratum, is about 2 ft. above the lower.

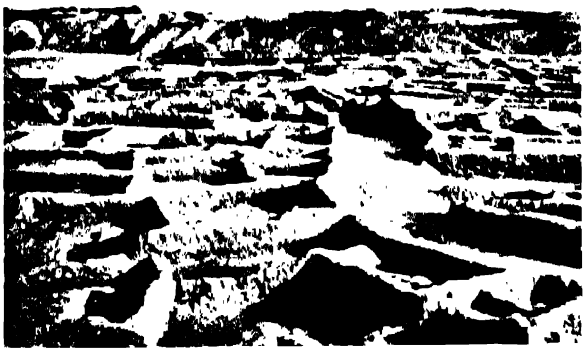


(*b*) Specimen of soak-well made of earthenware rings.

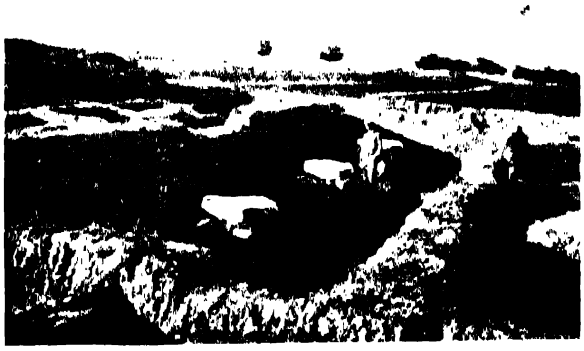
(*c*) Soak-well made of earthenware jars placed one above another, with their bottoms removed. In Second Street, between Blocks D and G.

(*d*) Section of drain lined with slate slabs running from Court C to Lane 2 behind Pillared Hall (West Group).

BHIR MOUND



(*a*) Blocks M, N, P, Q and R, East Group, from south-east.



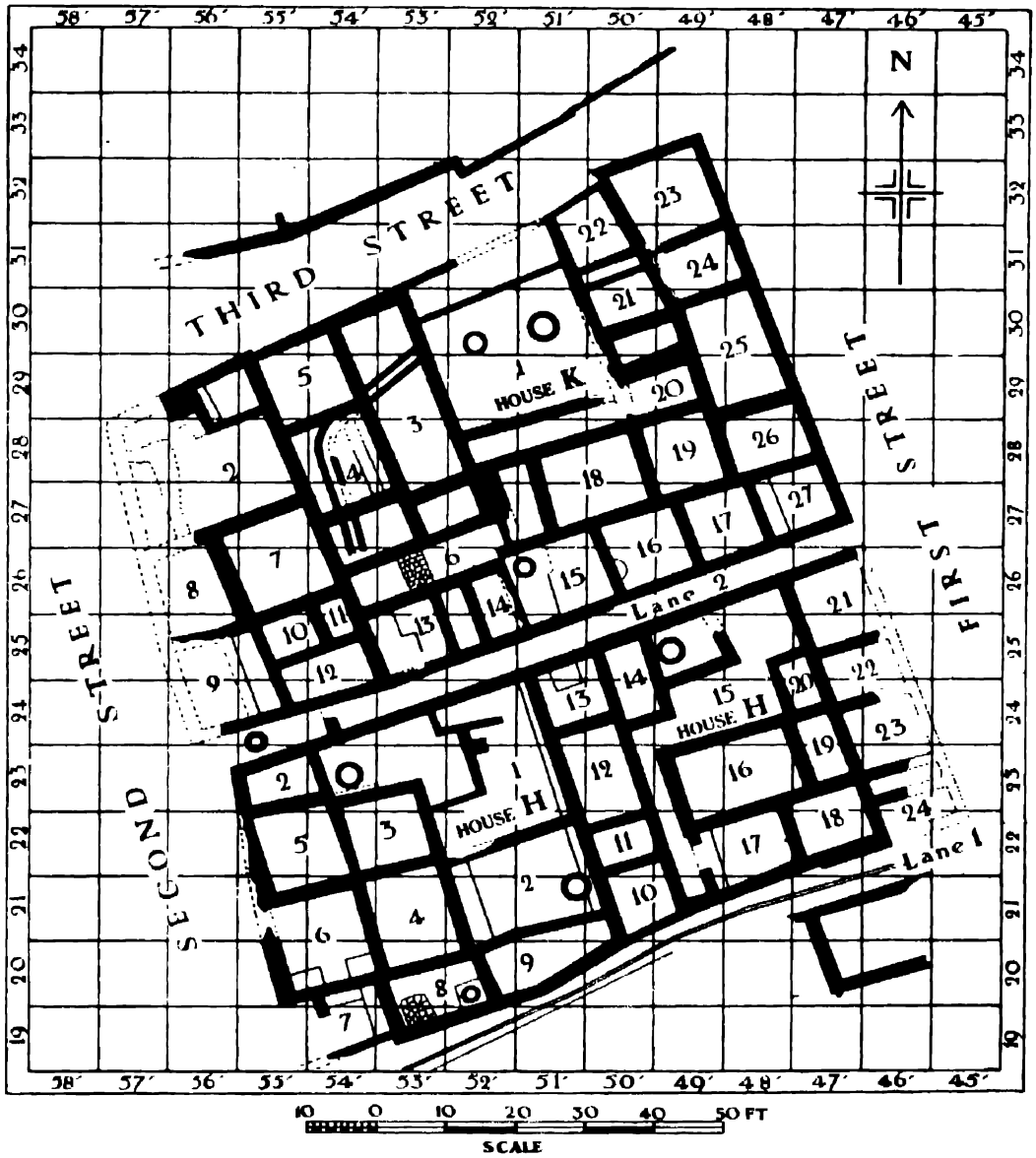
(*b*) Pillared Hall in West Group, from south-east.

(*c*) View of West Group of remains, from south-west.

(*d*) Example of a foundation pillar in House D, room 5. It is surmounted by the remains of a square pillar or wall.

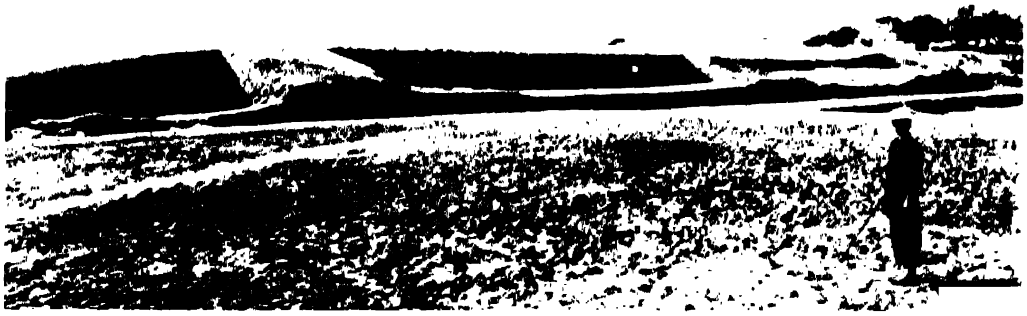
PLATE 8

BHIṚ MOUND



Plan of Houses K and H in East Group of buildings.

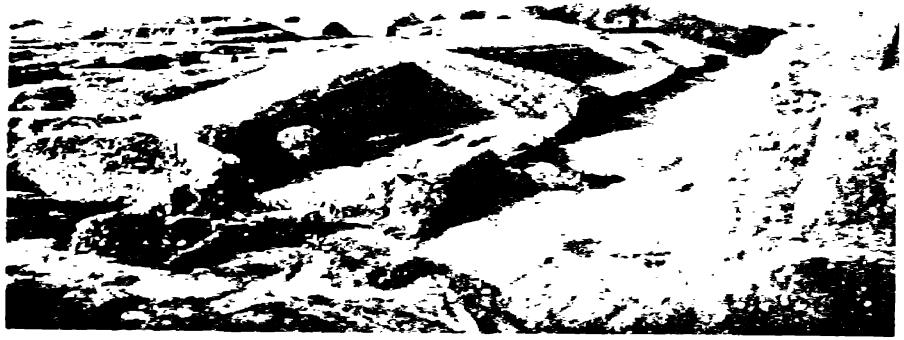
SIRKAP



(*a*) View of north wall of city, with bastions, from north.

(*b*) Site of the northern gateway, marked by gap in the fortifications, with peep into city beyond.

(*c*) Hathiāl spur to south of lower city, as seen from the north, with ruins of Kunāla Monastery near top, and section of city wall ascending hill to left. The wall is marked by line of deep shadow.



(*a*) Exterior of north wall of city, from north-east. In foreground, to left, can be seen the west face of the northern gateway, and beneath surface of berm in first bay to right, the remains of pre-Greek water channels.

(*b*) Stretch of north wall further to west, showing part, to right, before repairs.

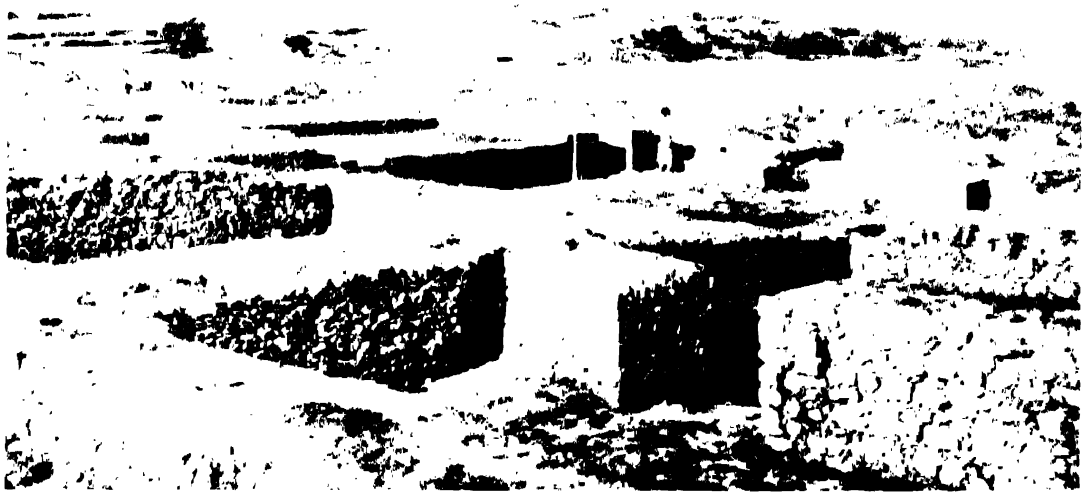
(*c*) Greek stratum of remains in Block 1′, with inner face of city wall to right of picture.

(*d*) View of excavation below First Street looking east, with inner face of city wall to left and remains of Block 1′ to right.

(a) Section of city wall on east side of Sirkap with foundation footings in foreground, from south-east.

(b) Remains of small fire-place (?hearth) in area of fourth stratum in Block 1 House 2

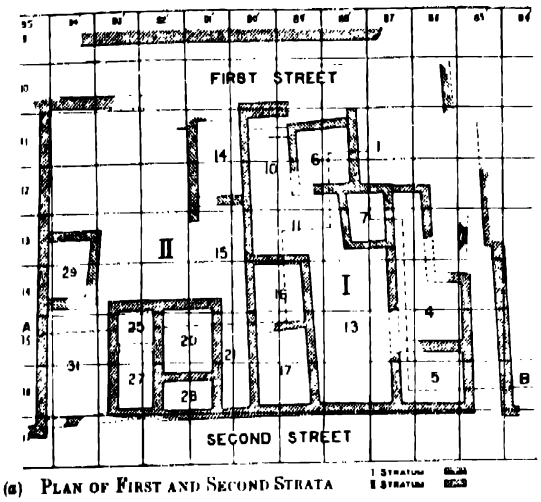
SIRKAP



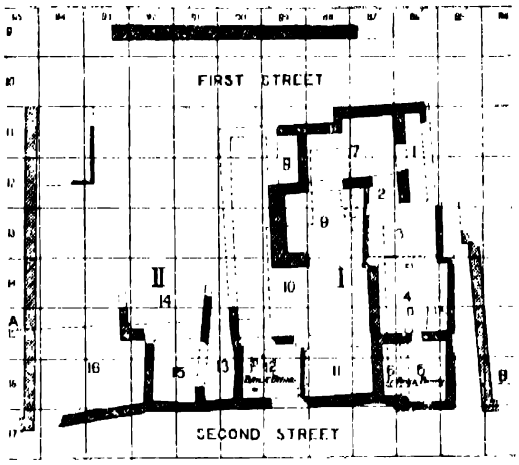
(*a*) View from the royal palace (Block K), with the flat-topped acropolis in the middle distance, beyond.

(*b*) Another distant view of the acropolis from amid the ruins of Block D′.

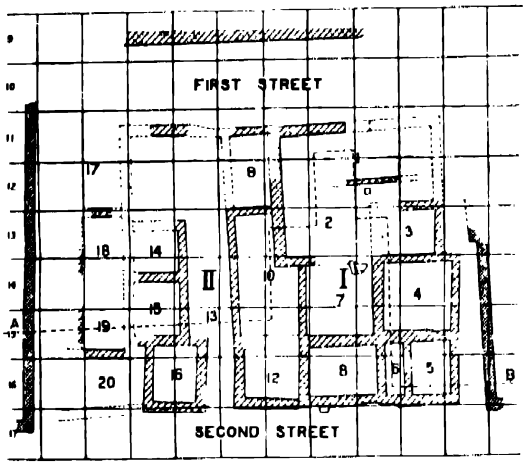
SIRKAP



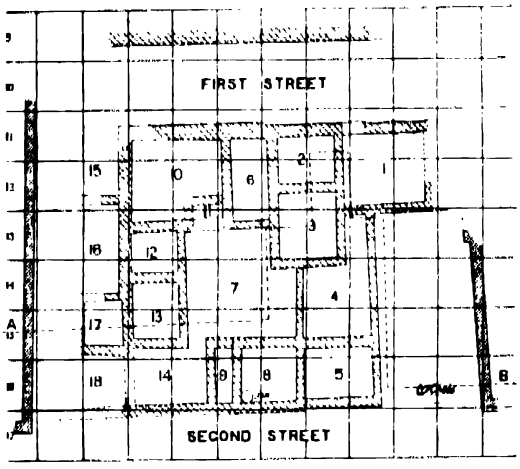
(a) Plan of First and Second Strata



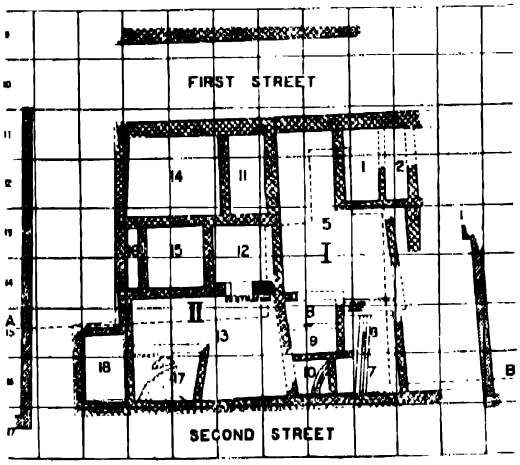
(b) Plan of Third Stratum



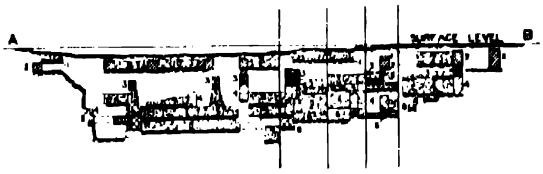
(c) Plan of Fourth Stratum



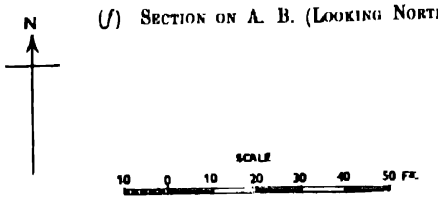
(d) Plan of Fifth Stratum



(e) Plan of Sixth Stratum



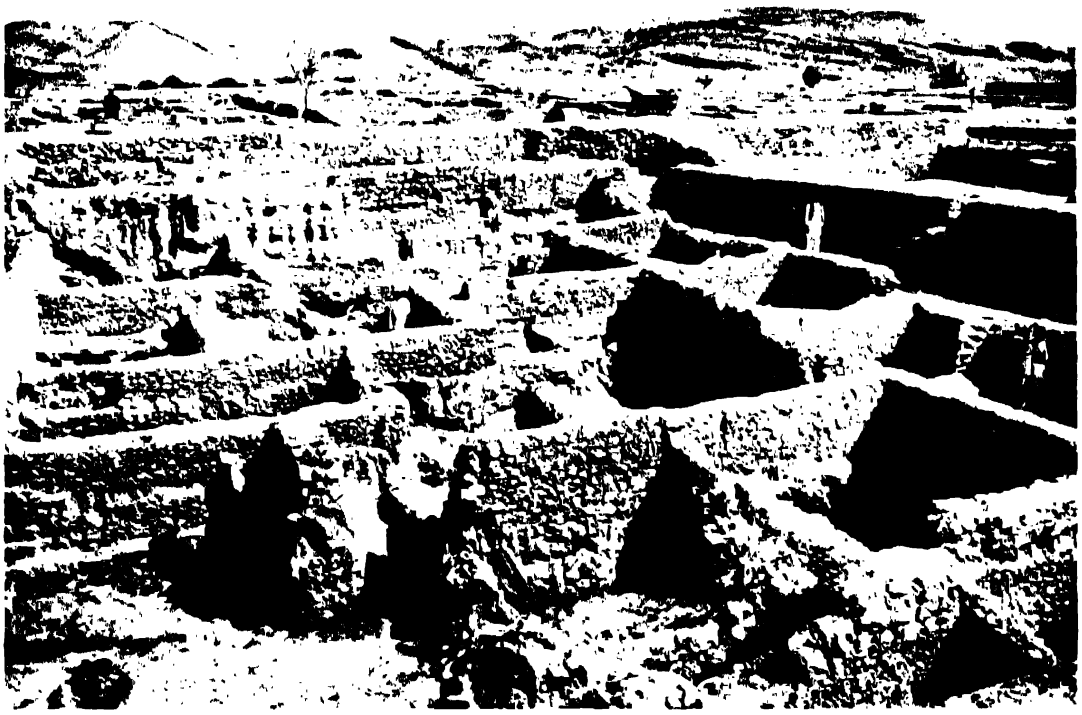
(f) Section on A. B. (Looking North).



Plans and section of strata I–VI in House 2, Block 1'.

SIRKAP

(*a*) Third and fourth strata of House 2, Block 1′ from north-east. The remains of the first and second strata in the neighbouring Block A′ can be seen above the level of the pathway beyond.



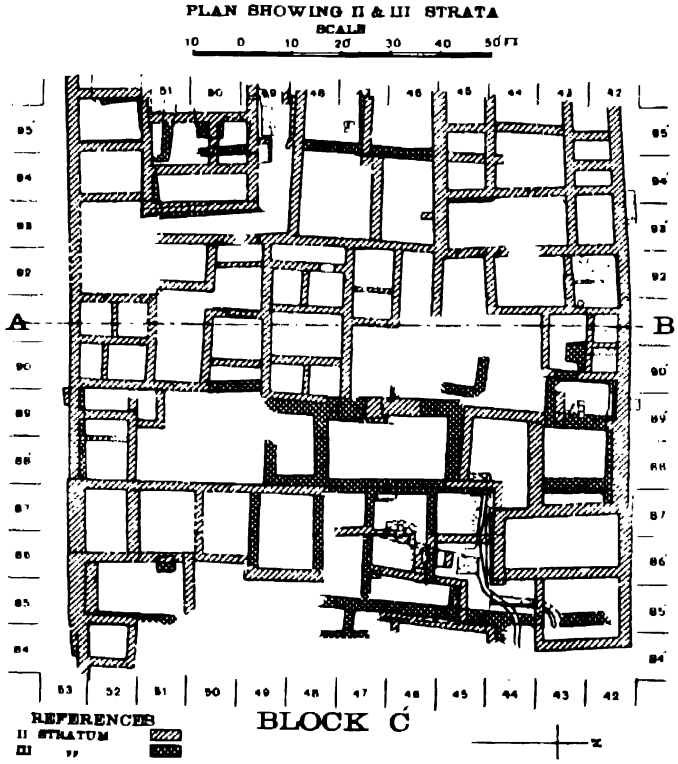
(*b*) The same from the north-west.

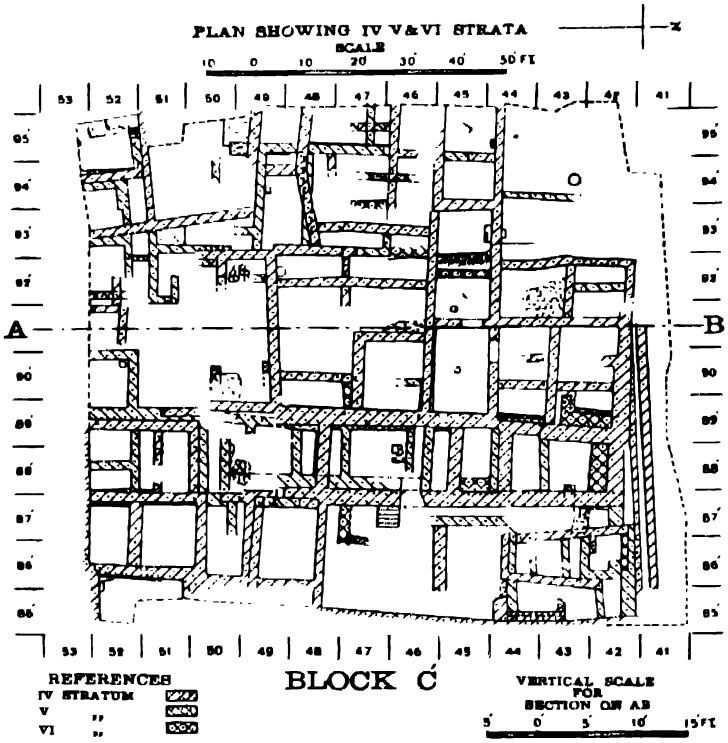
SIRKAP

(*a*) Ruins of fourth and fifth strata in Blocks A′ and B′ (Houses 3A′ and 2B′) from north-west
Note large refuse pit to right of picture.

(*b*) Ruins of fourth stratum in Block B′ (House 2) from west.

SIRKAP

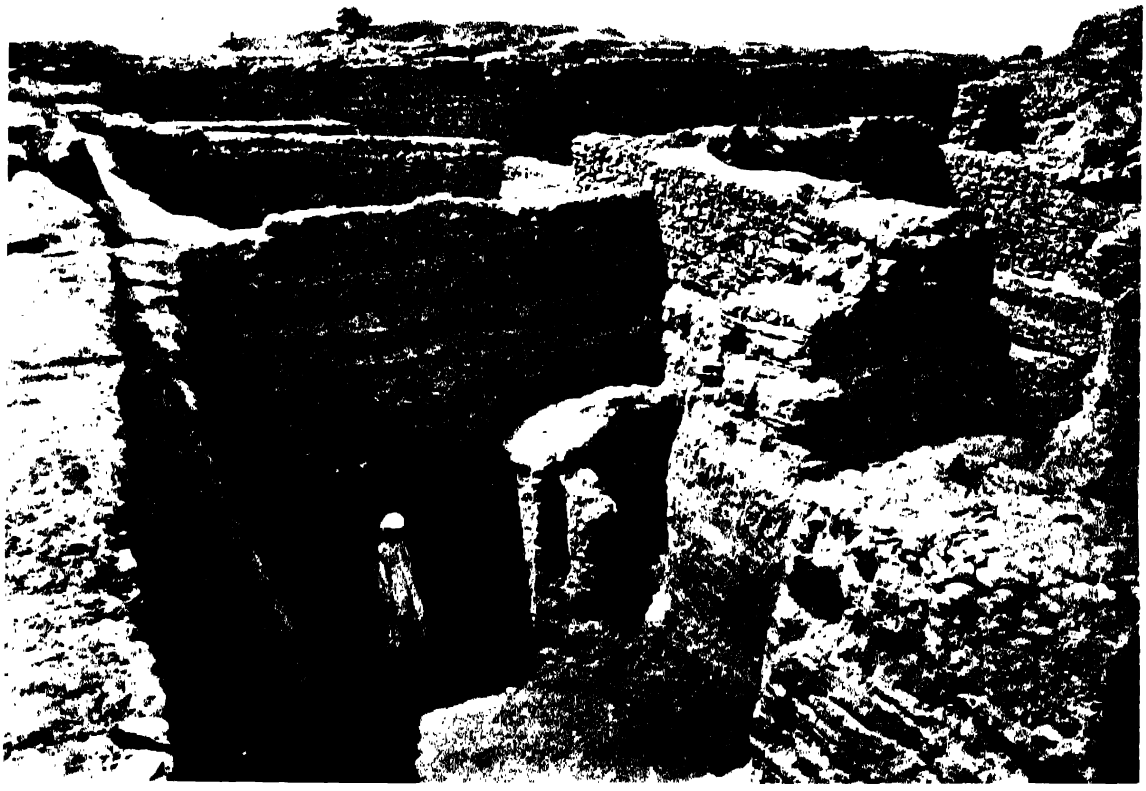




(*a*) and (*b*) Plans and section of strata II–VI in Block C′, from north-west.

SIRKAP

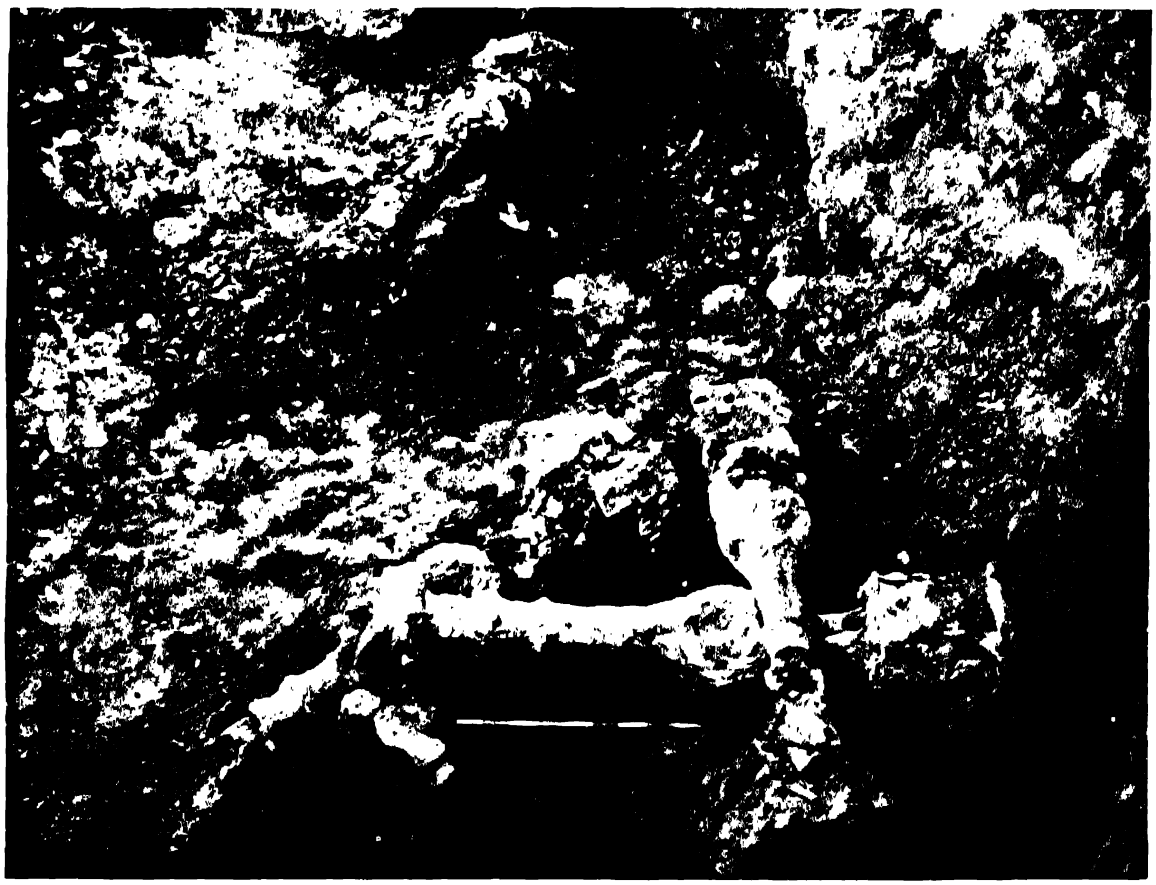
(*a*) Fourth and fifth strata in Block C′, from north-west.



(*b*) A deep cutting beneath south-east area of Block C′, from north-east.

SIRKAP

a) Side of Block 1′ from south, showing stratification of walls of successive strata.



(*b*) Legs of image throne(?) in fifth stratum of Block C′. The throne was of wood covered with copper sheeting. Cf. Pl. 210, *h* for detail of its acanthus decoration.

(*a*) Blocks G (r.) and H from north-east, with Ninth Street between. Note remains of street drains exposed to view.

(*b*) Blocks H and I from east, with Tenth Street and remains of street drains.

(*c*) Characteristic house-drain of earthenware disclosed in a trial trench (B) near western edge of Sirkap. Cf. 'Pottery', ch. 23, nos. 208 *sqq.* and Pl. 127.

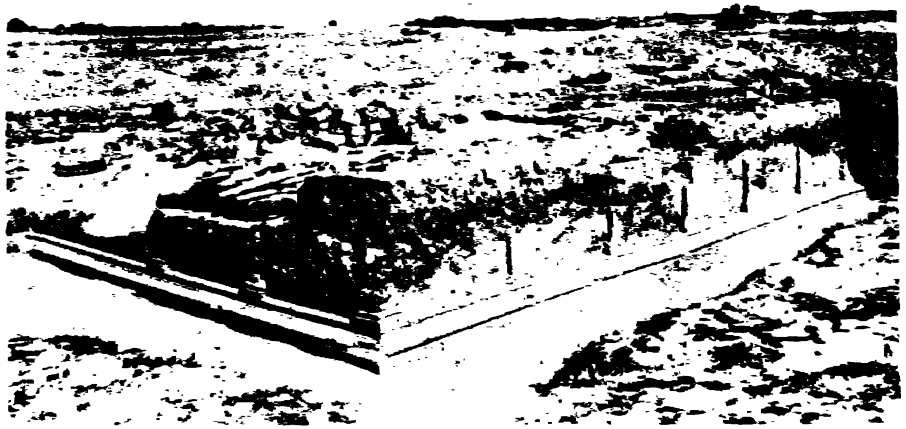
(*d*) Meandering drain of masonry in same area as foregoing.

PLATE 22

SIRKAP

(*a*) The Main Street of the Śaka-Parthian city, as seen from near the northern gateway.

(*b*) View of the Śaka-Parthian city looking south-west from the east end of Block A. To the left of the picture may be seen the great stūpa-temple in Block D, and beyond it, in the distance, the flat-topped acropolis.



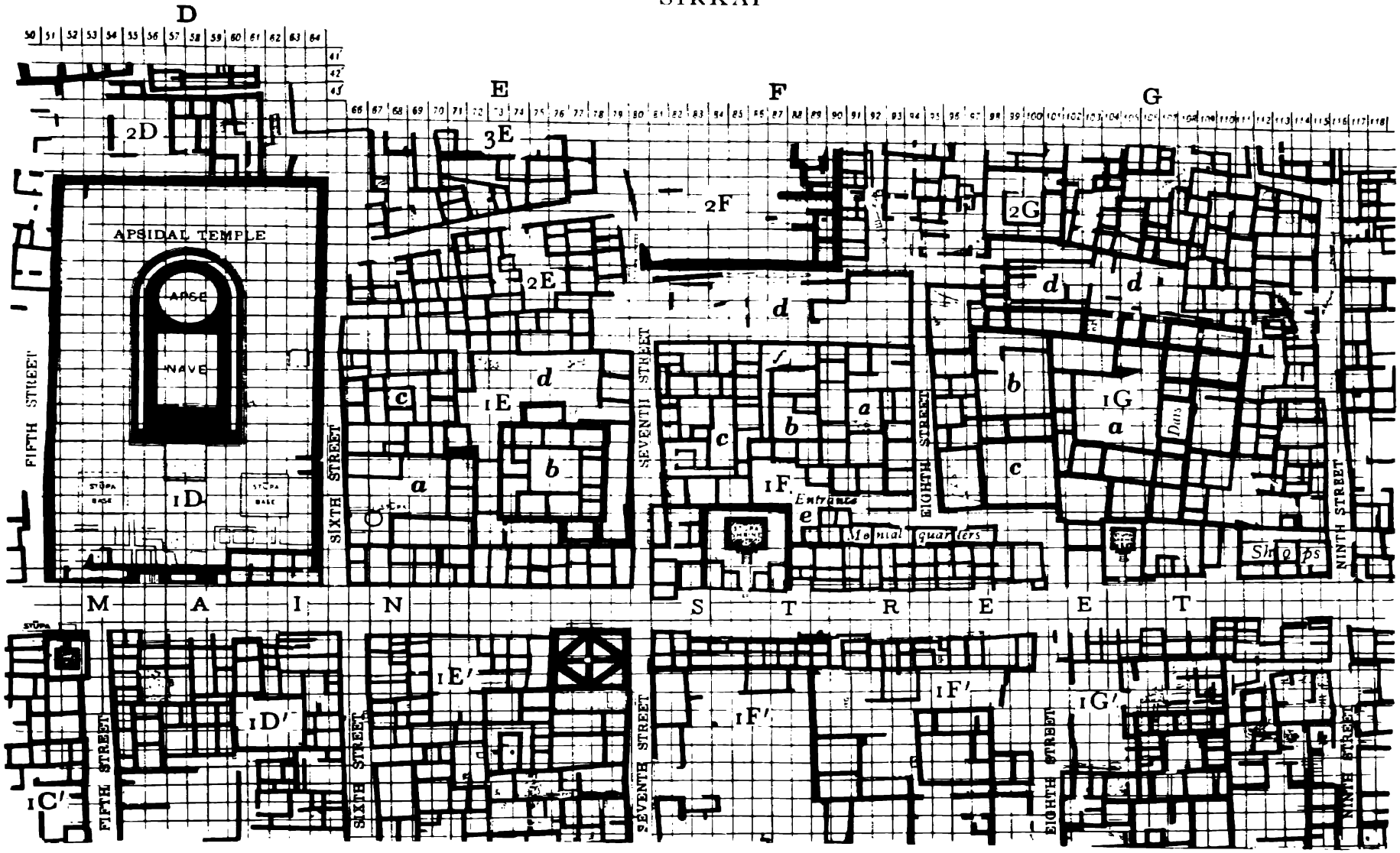
(*a*) Plinth of Jaina(?) stūpa in Block A, from south-east.

(*b*) The same, showing smaller stūpa on its south side and two little votive stūpas in foreground.

(*c*) A fallen section of railing from the plinth of main stūpa in Block A. The railing is made of lime plaster on a kañjūr core.

(*d*) Base of small stūpa near eastern limit of Block A.

SIRKAP



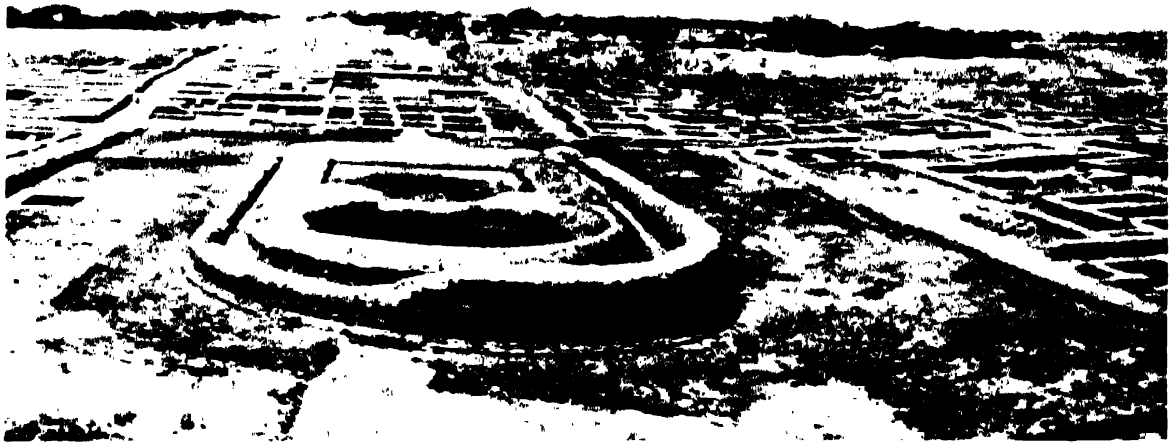
Plan of the great apsidal stūpa-temple and neighbouring blocks to south and west.

SIRKAP

(*a*) The great stūpa-temple in Block D, from south-west, showing approach from Main Street.

(*b*) Buildings at the back of the great stūpa-temple, where the buried treasure described on pp. 156 *sqq.* was found.

SIRKAP



(*a*) The great stūpa-temple in Block D, as seen from the eastern end of courtyard.

(*b*) A deep cutting on the south side of the temple showing walls of earlier strata beneath it.

(*c*) A small votive stūpa from the Jaina(?) shrine in Block A.

SIRKAP

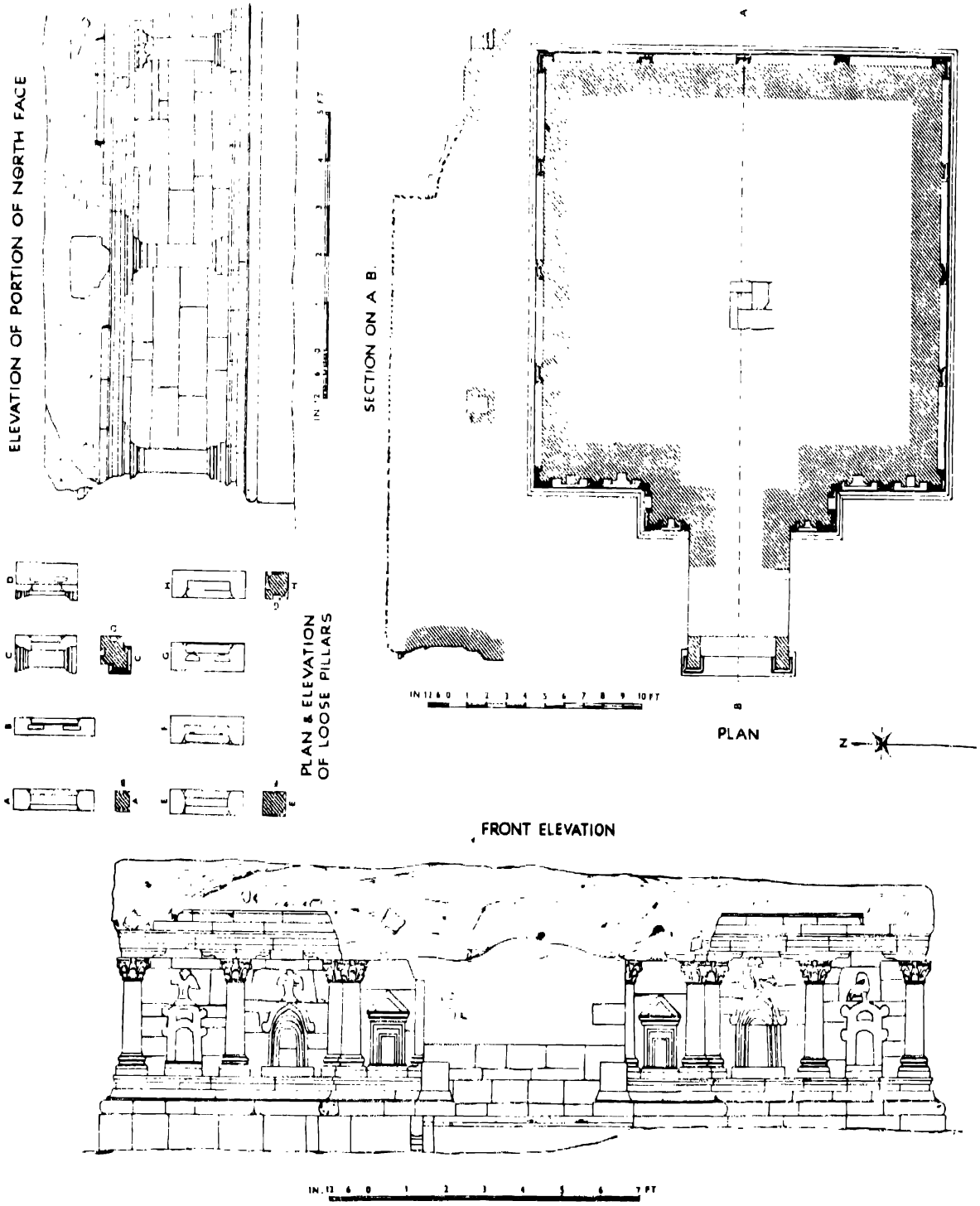
(*a*) Stūpa in Block E overthrown by earthquake.

(*b*) Plinth of Śaka stūpa, damaged by earthquake, in Block G.

(*c*) A hoard of gold and silver articles discovered in chamber behind the great stūpa-temple.

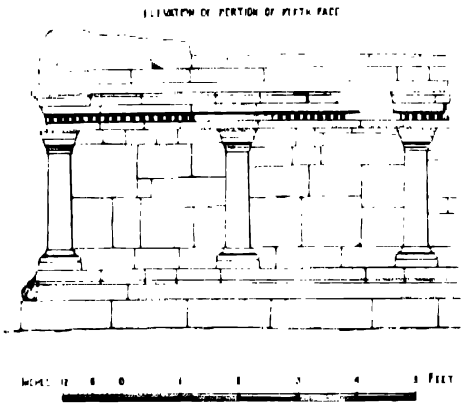
(*d*) Crowning lion of column from stūpa base in Block G.

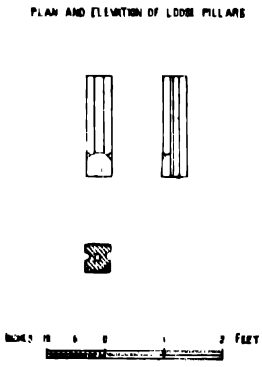
SIRKAP

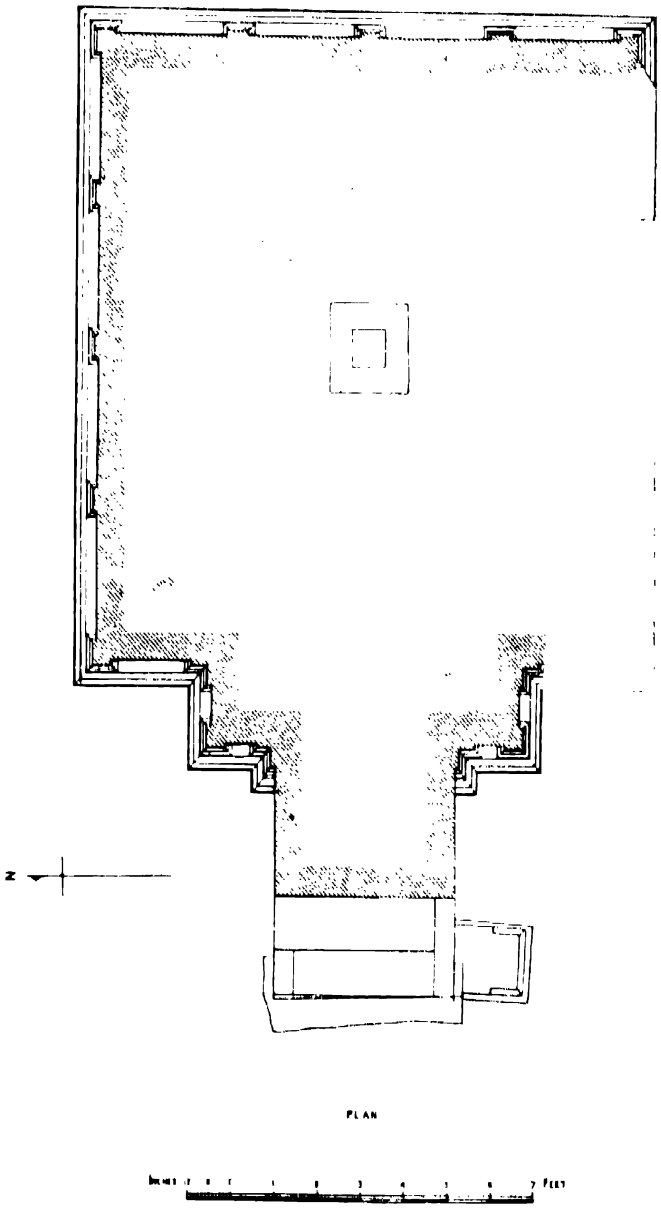


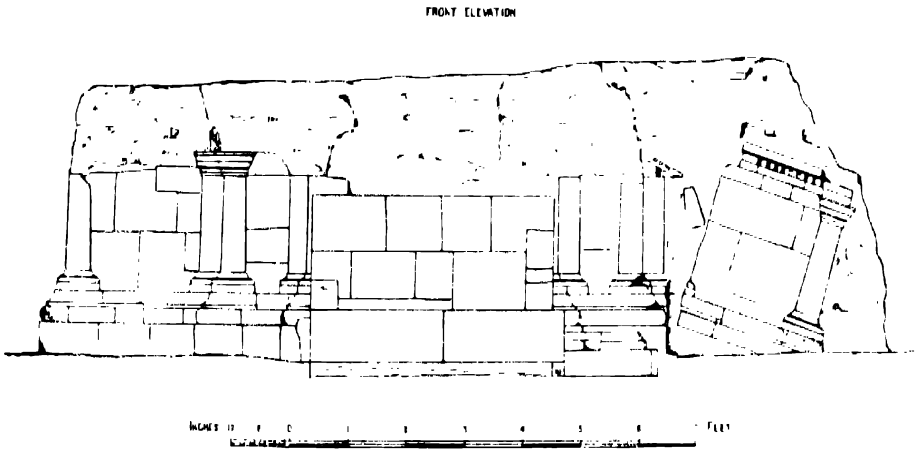
Plan and elevation of stūpa in Block F.

SIRKAP



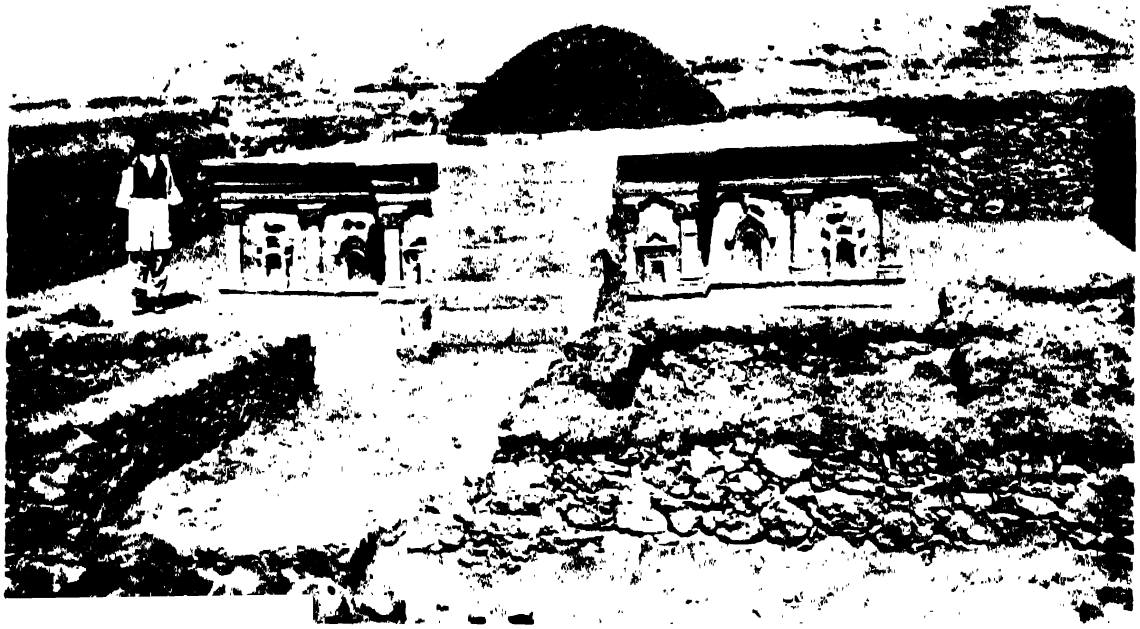




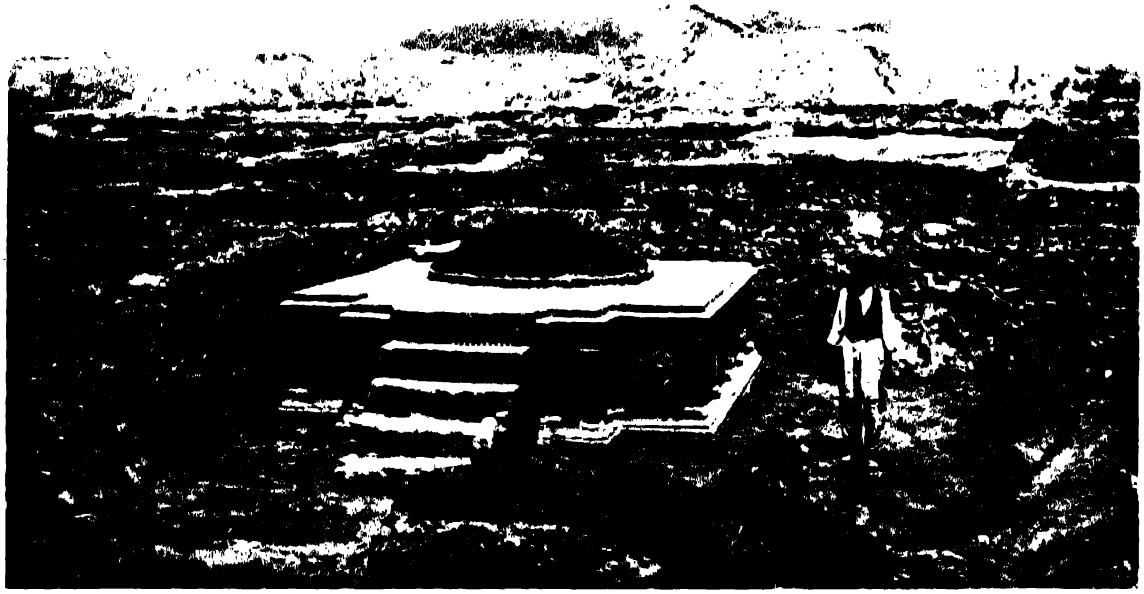


Plan and elevation of stūpa in Block G.

SIRKAP

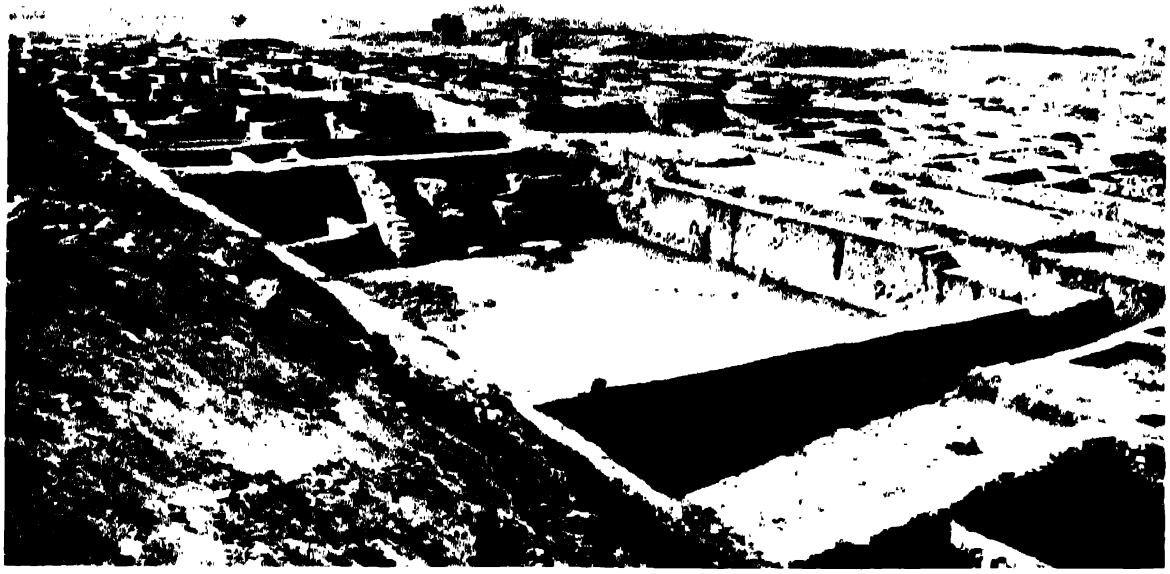


(*a*) Stūpa in Block F, from west.



(*b*) Stūpa in Block G, from west (restored).

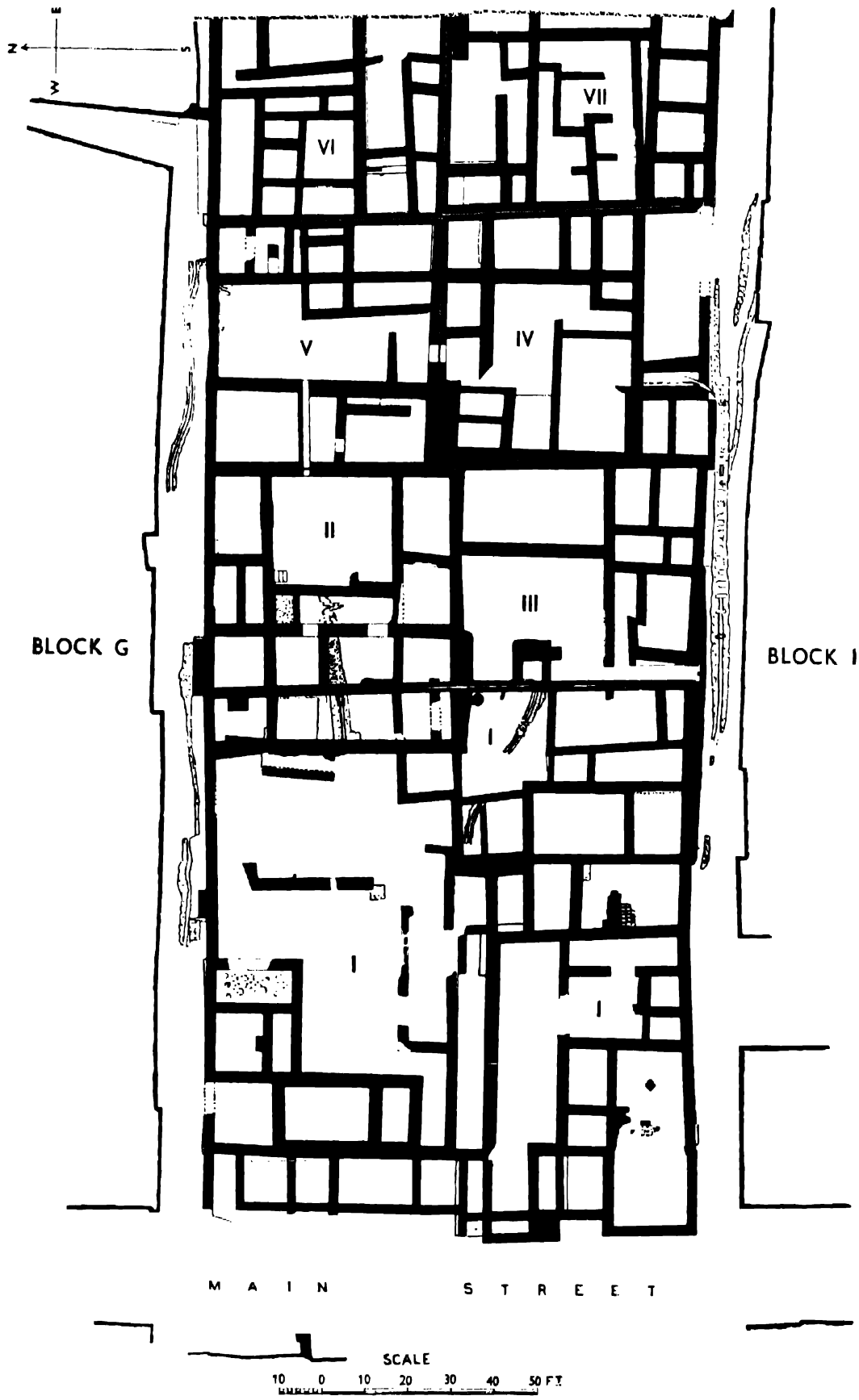
SIRKAP



(*a*) Block F: Great court (2 F) partly excavated at east end of block, from north-east.

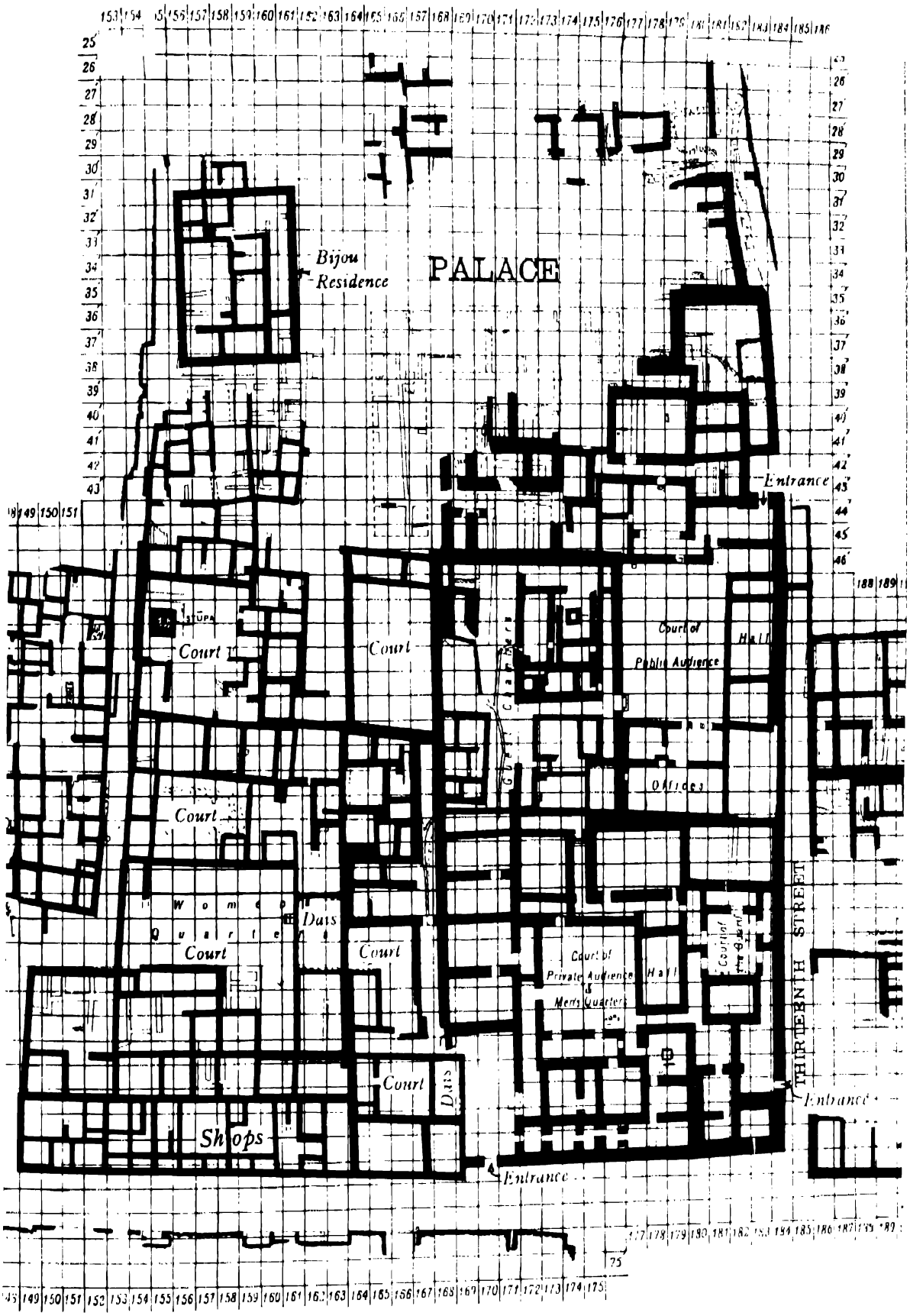
(*b*) Part of the royal palace, looking into the 'Court of Private Audience', from north-east.

SIRKAP



Plan of Block H.

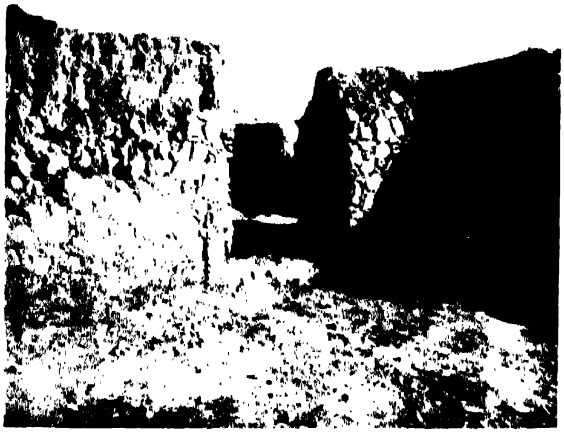
SIRKAP



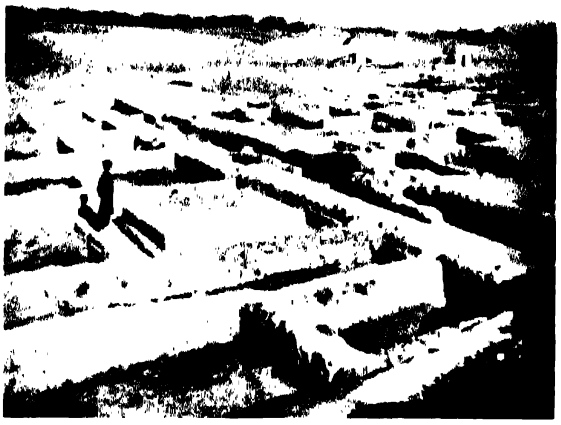
Plan of the royal palace.

PLATE 34

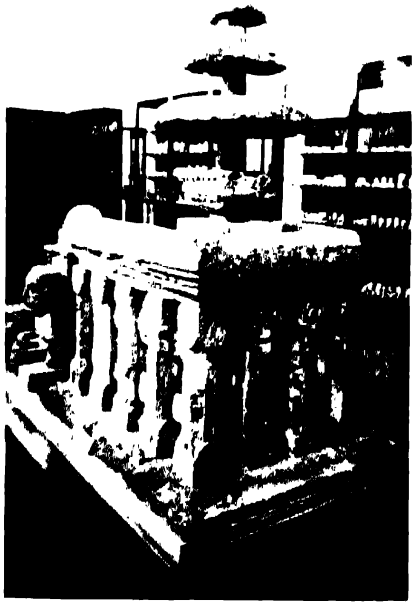
SIRKAP



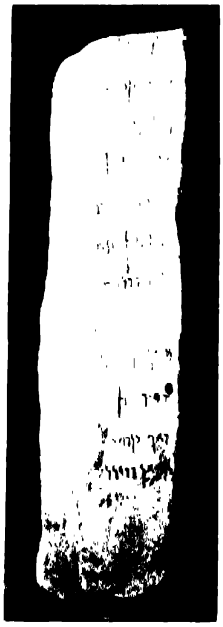
(*a*) A chamber leading off from the 'Court of Private Audience' in the royal palace.



(*b*) Part of the women's quarters in the royal palace. Where the boy is standing is the private stūpa-shrine with votive tanks alongside.



(*c*) A section of the plinth railing, *harmika* and umbrellas from the shrine of the double-headed eagle in Block F.



(*d*) Aramaic inscription built into a wall of Block F.

(*e*) Three of the votive tanks ranged at the foot of the stūpa-shrine shown in (*b*).

SIRKAP

(*a*) Copper inkpot, ladles and other objects in a broken earthenware vessel in Block E′.

(*b*) Corner of a court in Block D′, showing characteristic rubble masonry on left and diaper on right. Observe window slit in corner and drain in foreground.

(*c*) Casket of grey schist from Block G.

(*d*) Casket of grey schist from relic chamber of stūpa in Block G.

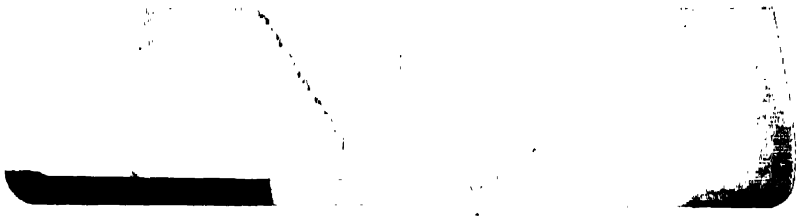
(*f*) Stūpa casket of grey schist and potstone image of goddess with *cornucopia* buried under floor in Block C′.

(*g*) The foregoing stūpa casket set up erect. It contained the conical clay sealing figured in Pl. 36, *e*.

(*e*) Small gold box and ram pendant of carnelian in foregoing casket.

(*h*) Schist stūpa casket from Block C′.

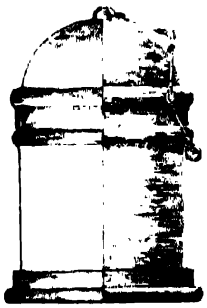
SIRKAP



(*a*) Fragments of crystal casket from relic chamber of stūpa in Block A.

(*b*) Cylindrical casket of schist with cordon decoration from Block C.

(*c*) Stūpa casket of schist from Block C.

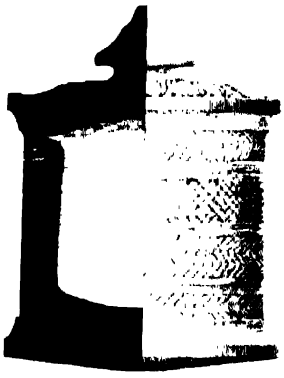


(*d*) Copper casket of the Śaka period from Block E. ('Copper and Bronze Objects', ch. 28, no. 252, *a*.)

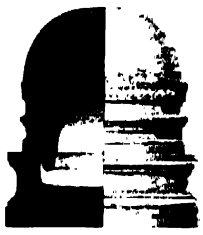
(*e*) Conical sealing from interior of stūpa casket figured in Pl. 35, *g*.

(*f*) Casket and incised base from stūpa in Block G (Pl. 35, *d*).

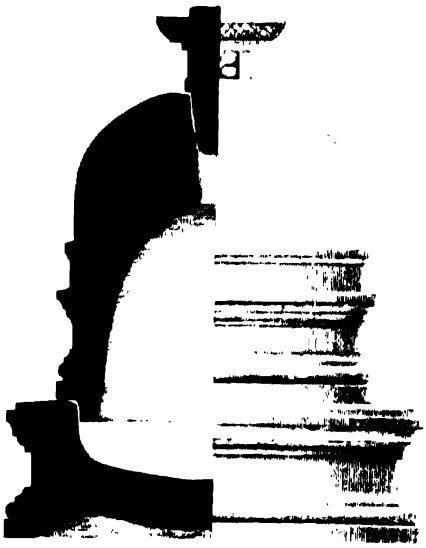
(*g*) Spherical casket of schist and cover from Block E'.



(*h*) *Pyxis* casket of schist from stūpa in the royal palace.

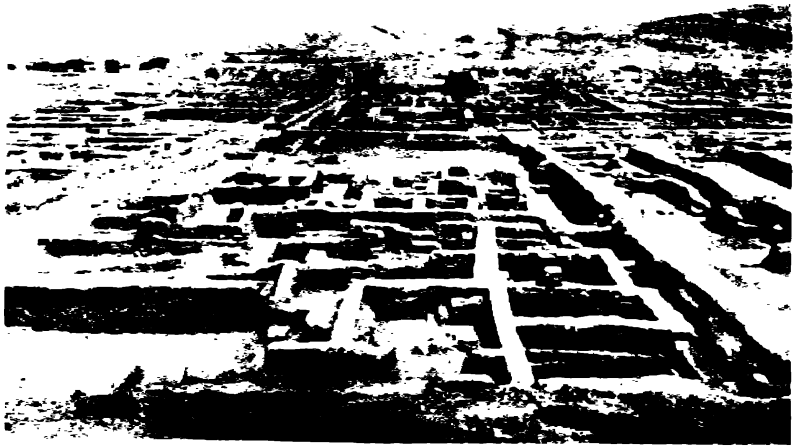


(*i*) Stūpa casket of schist from debris of palace stūpa-court.

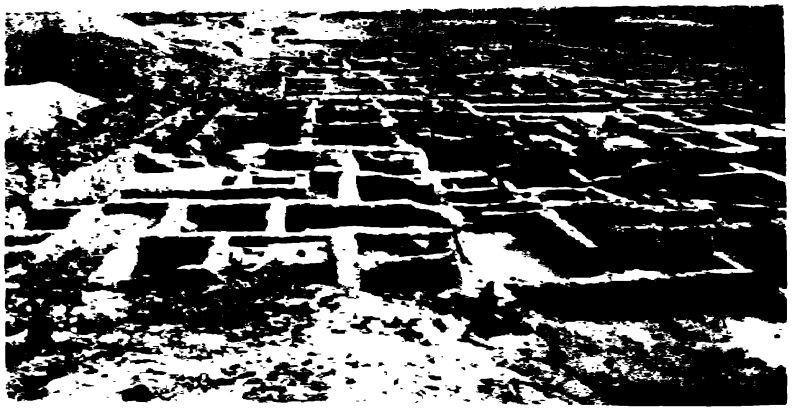


(*j*) Stūpa casket of schist from Block D'.

SIRKAP



(*a*) Block F′, from west.

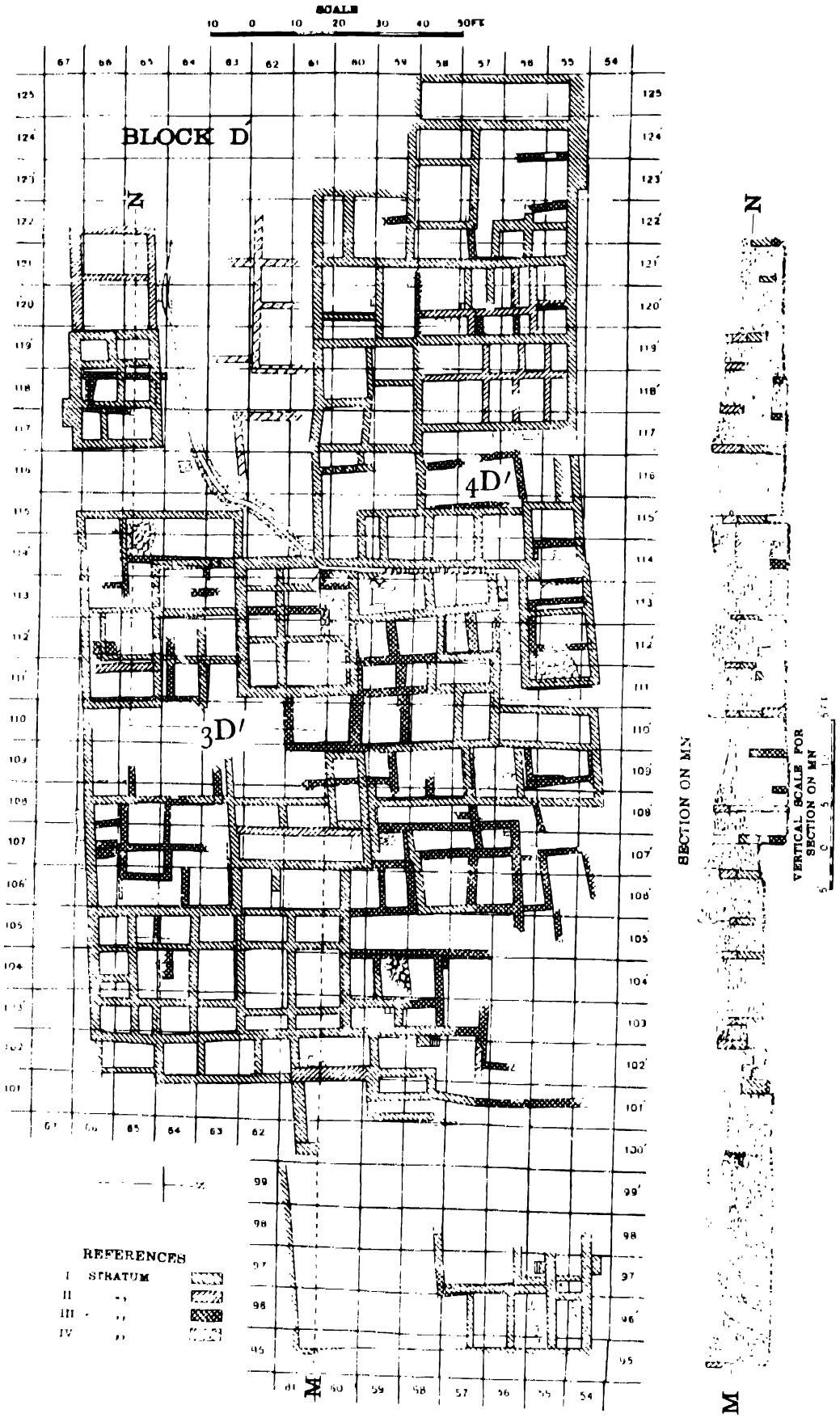


(*b*) West end of Block E′, from south.

(*c*) Plinth of stūpa in Block E′, from south-east

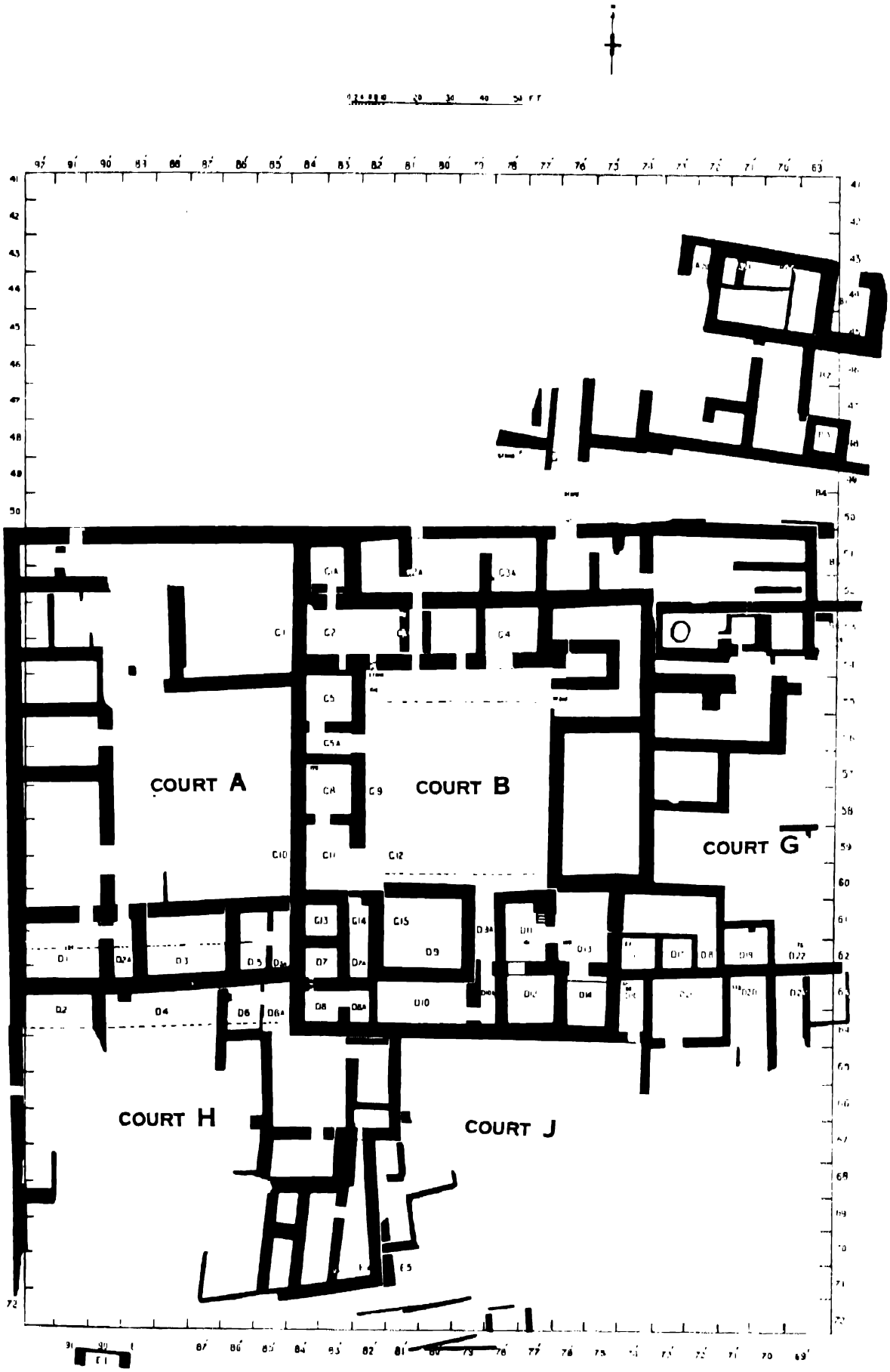
(*d*) North-west part of Block D′, from north.

SIRKAP



Plan of Block D , showing strata I–IV.

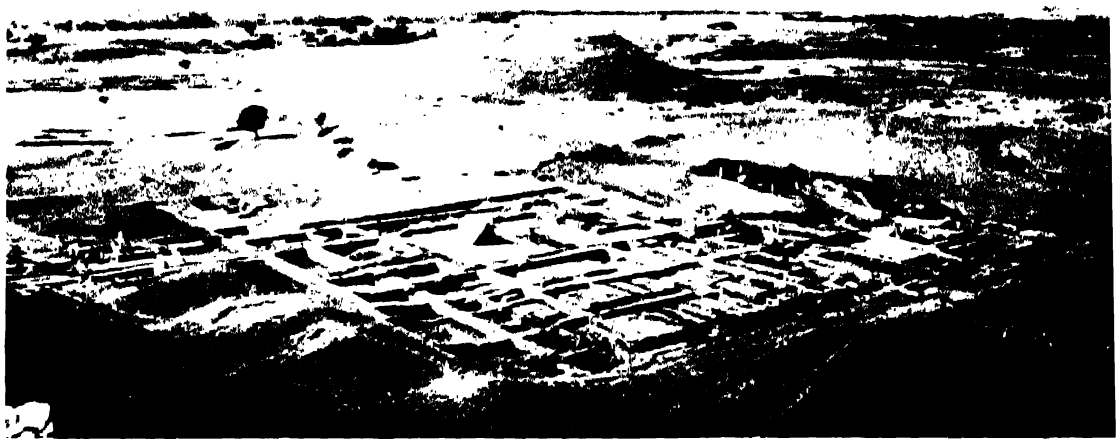
MAHAL



Plan of large house or palace at Mahal in Sirkap.

PLATE 40

MAHAL



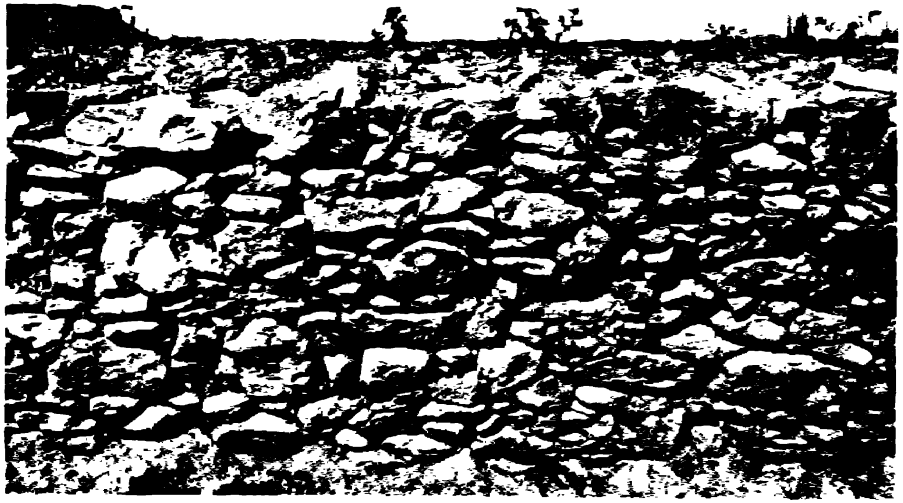
(*a*) View of remains from south-east.

(*b*) View of remains from north.

MAHAL

(*a*) General view of Mahal site from north-east, showing east to west trial trench and ruins beyond.

(*b*) Group of copper vessels, hidden in the heart of a thick wall at Mahal, lying as found.



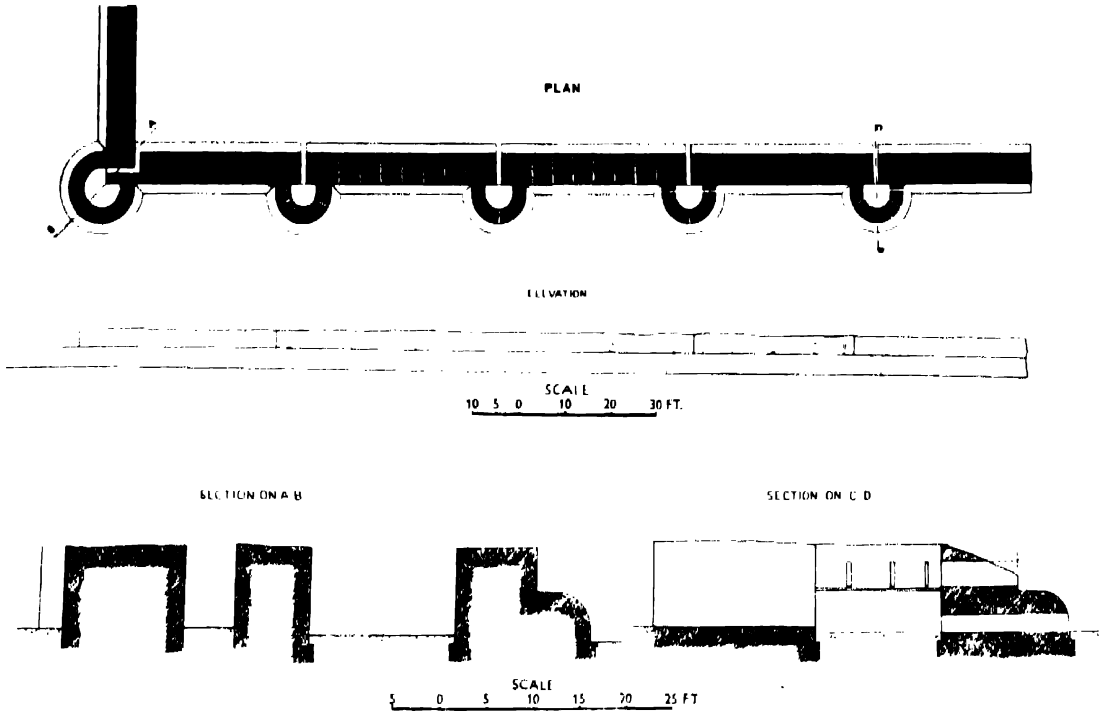
(*c*) Specimen of earlier rubble walling at Mahal.

(*d*) Specimen of later rough diaper walling at Mahal.

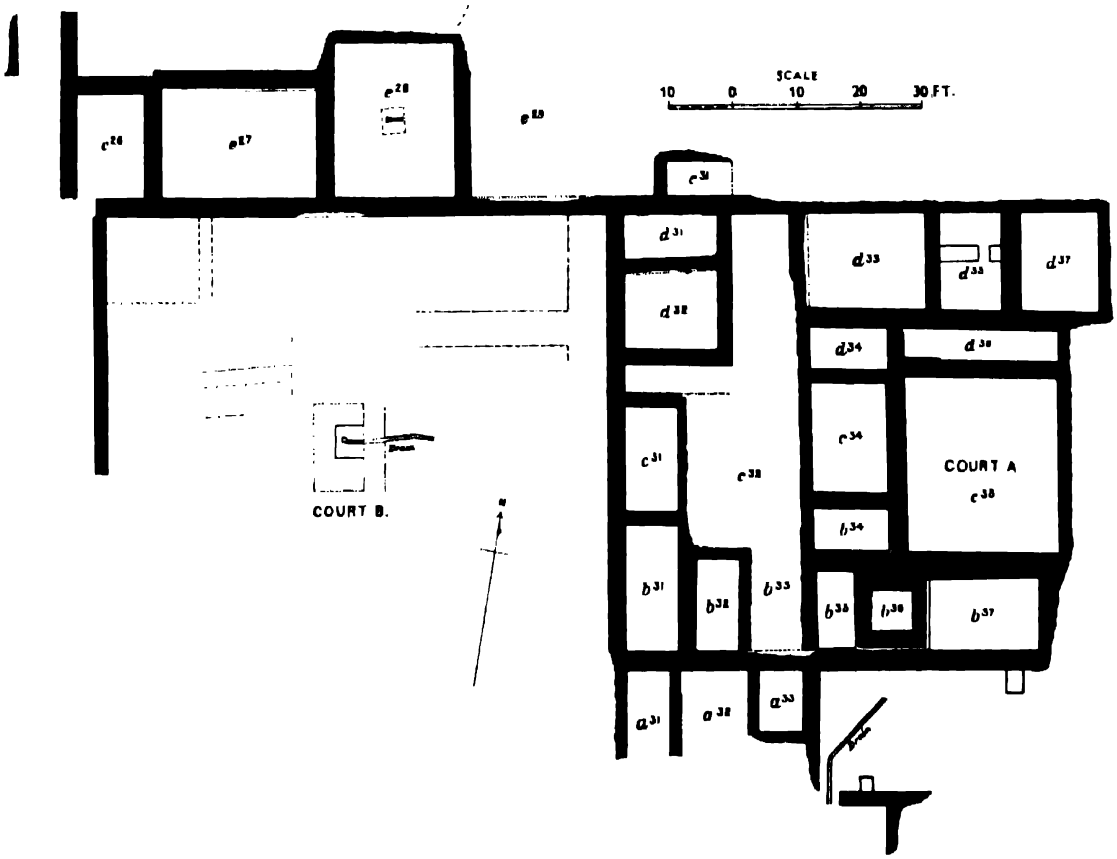
PLATE 41

PLATE 42

SIRSUKH



(*a*) Plan and sections of fortifications, south-east corner.



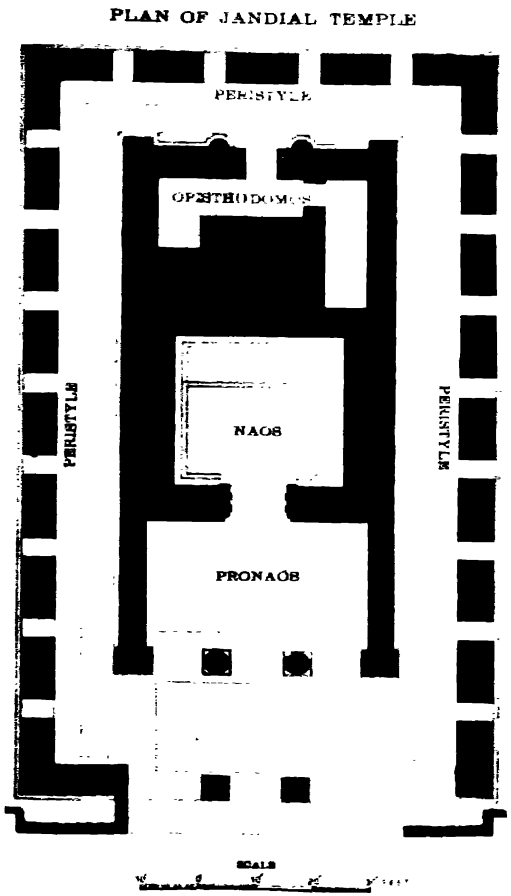
(*b*) Plan of partly excavated building at Tofkiān in Sirsukh.

SIRSUKH

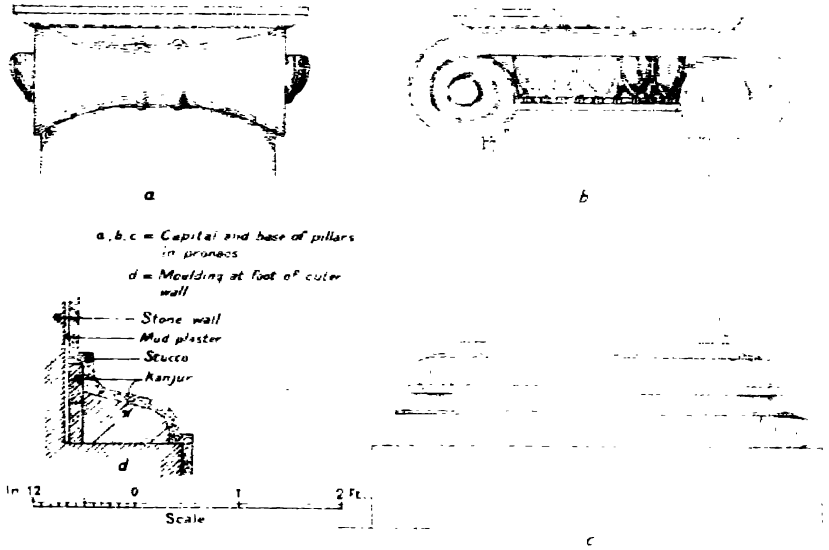
(*a*) View of Sirsukh fortifications from east.

(*b*) View of partly excavated building at Tofkiāñ from south-east.

THE TEMPLE AT JANDIĀL



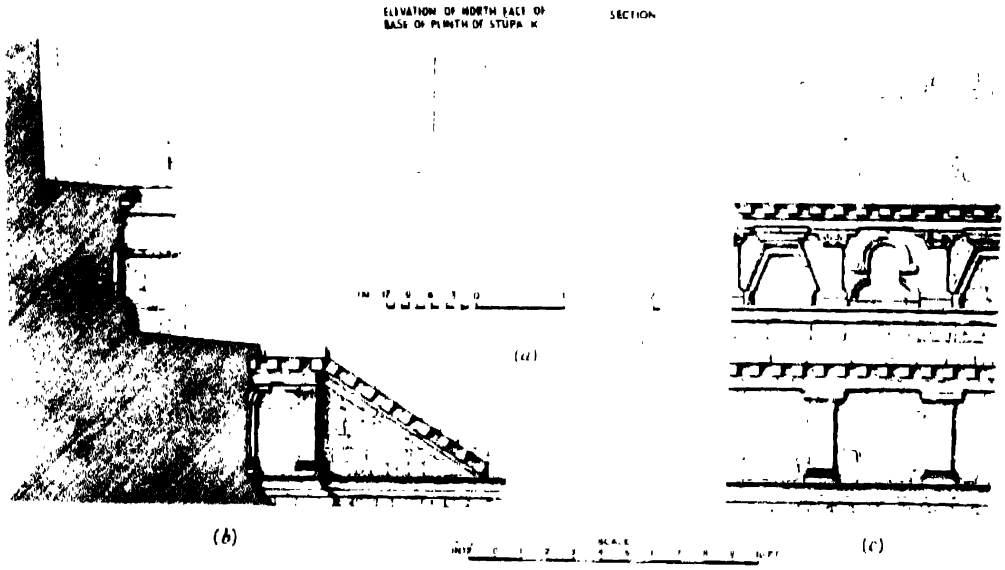
(*a*) Plan.



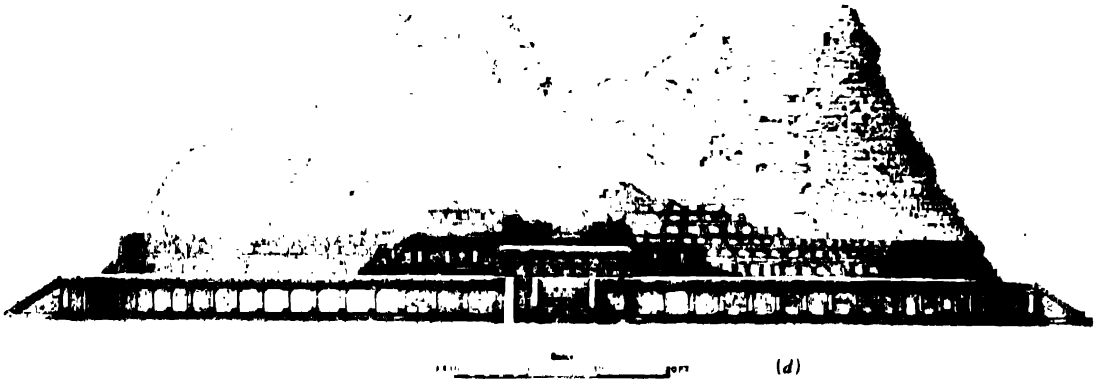
(*b*) Details of pillar capitals and base mouldings.

(*c*) View of pronaos from south-east.

DHARMARĀJIKĀ. Stūpa area



(*a*) Base mouldings of stūpa K 1.
(*b*) Side elevation of eastern steps of Great Stūpa.
(*c*) Elevation of berm and ornamental band above of Great Stūpa.

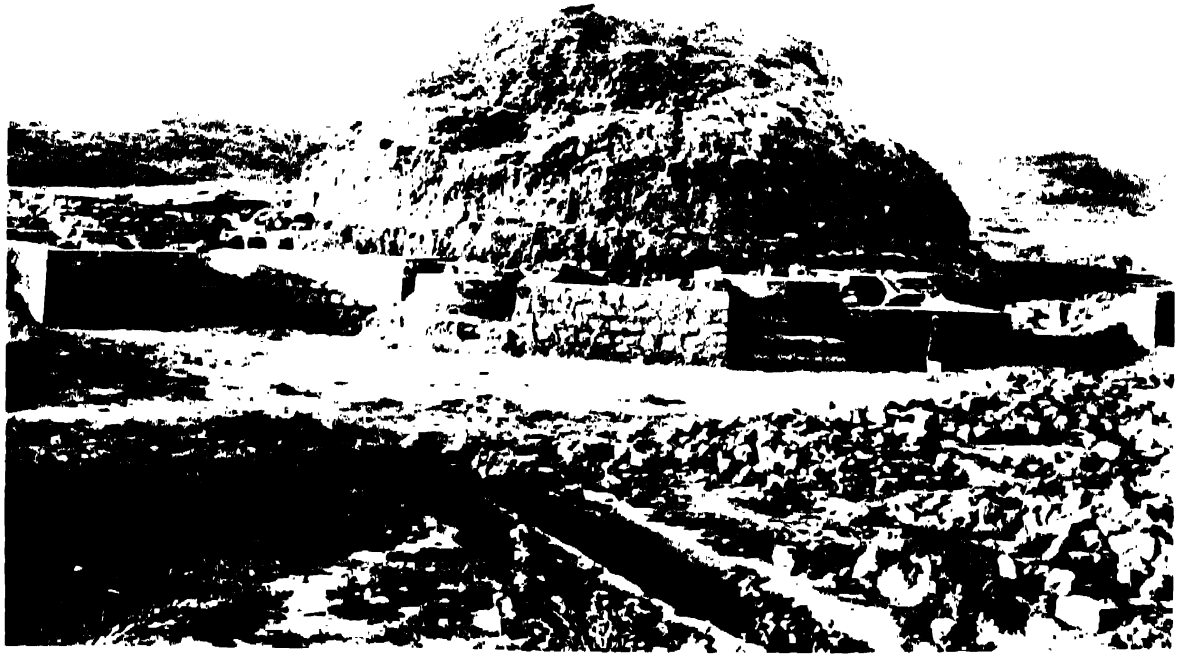


(*d*) Elevation of Great Stūpa, from east.

PLATE 47

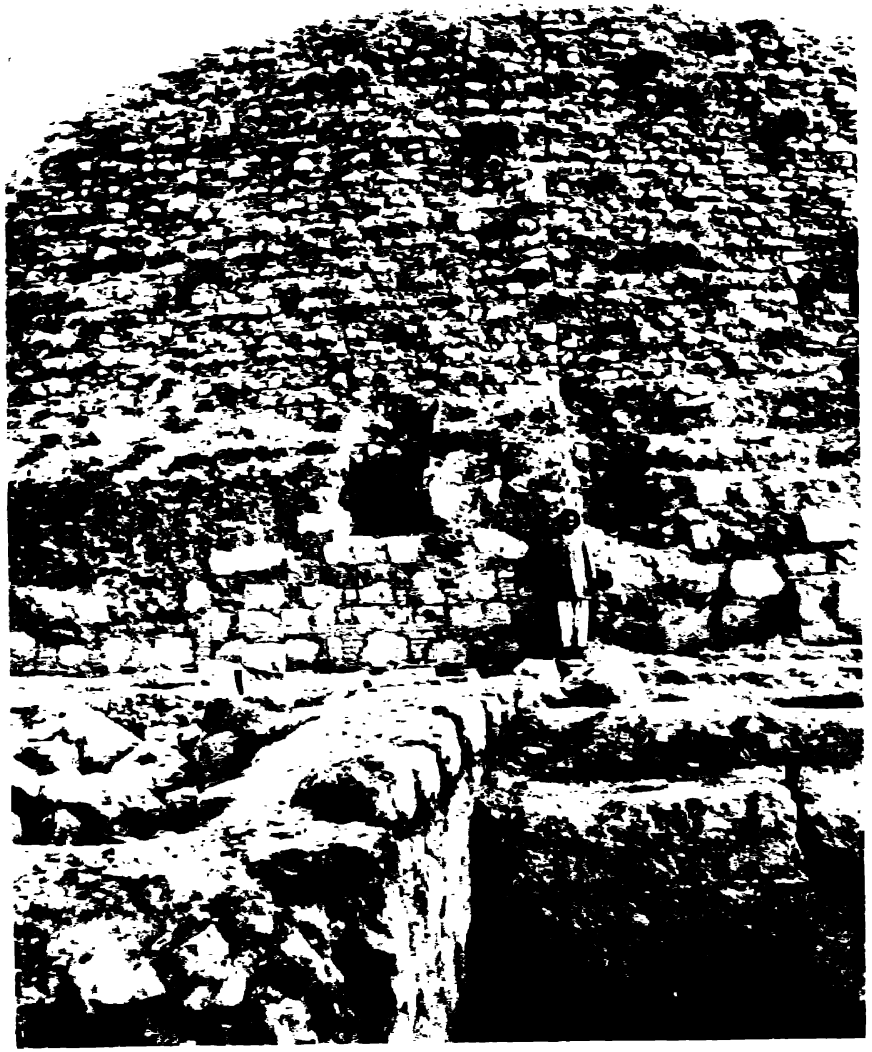
DHARMARĀJIKĀ. Stūpa area

(*a*) View of Great Stūpa, from north-west.

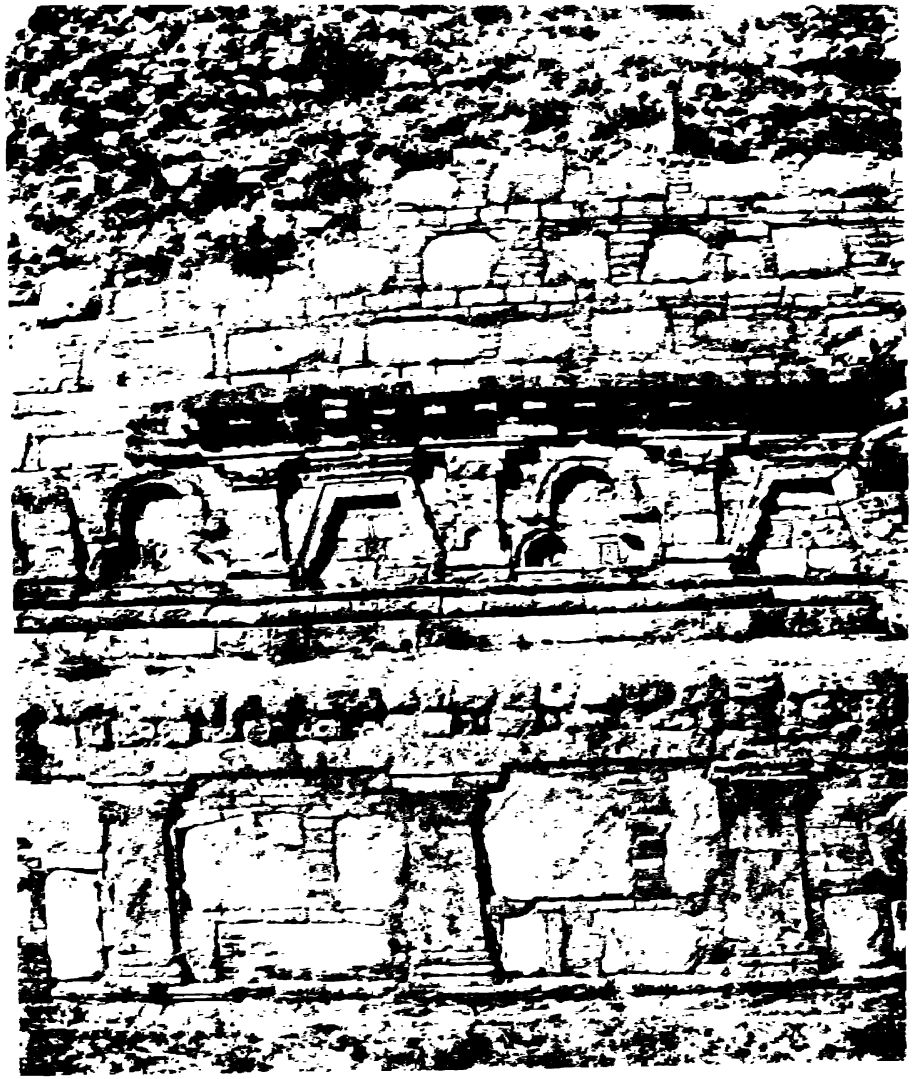


(*b*) View of Great Stūpa, from south-west.
(*Note*. The two small round stūpas are D 2 (l.) and D 1.)

DHARMARĀ KĀ. Stūpa area



(*a*) The ruined dome of the Great Stūpa showing one of the construction walls radiating from its centre.

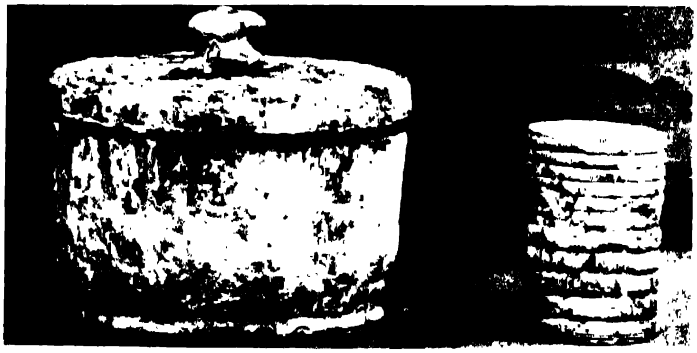


(*b*) The face of the berm and ornamental band above.

DHARMARĀJIKĀ. Stūpa area

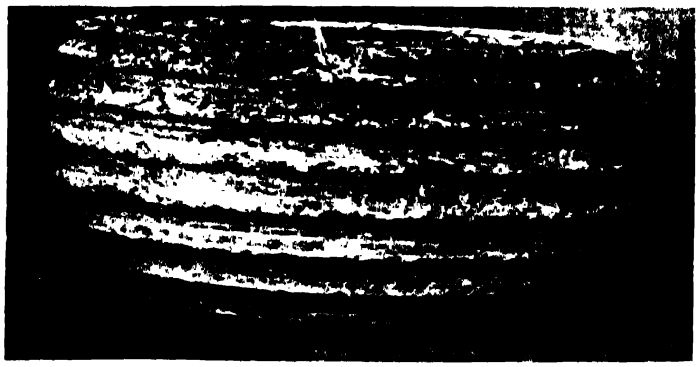
(*a*) Close-up view of stupa D1 (L) and Chapel D6 built on to it.

(*b*) Crystal lion from stupa N7.



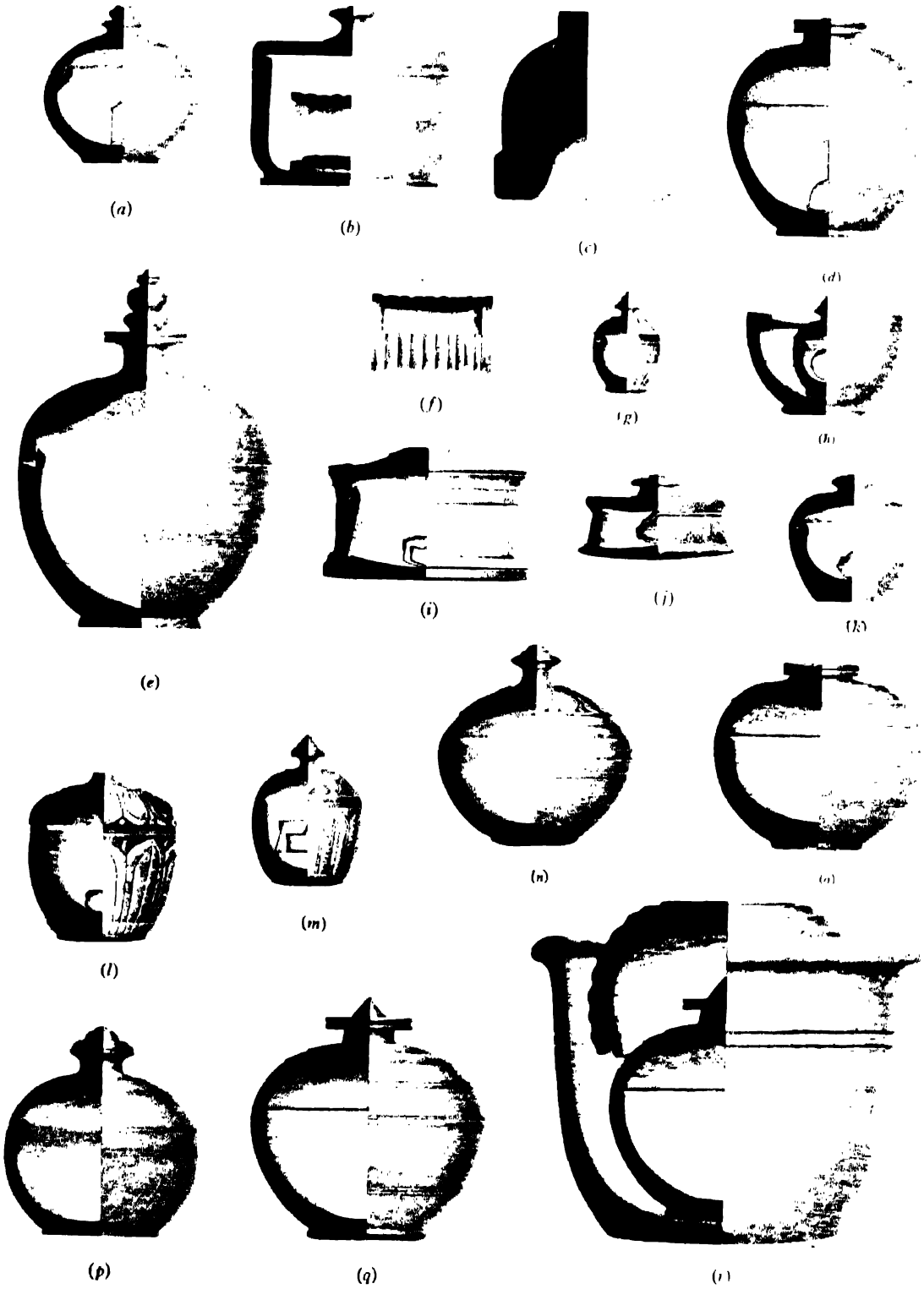
(*c*) Ivory caskets from stūpa S9.

(*d*) Schist casket from stūpa T1.



(*e*) Schist bowl from stūpa U1.

DHARMARĀJIKĀ. Stūpa area

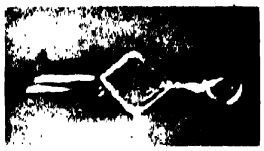


Eighteen relic caskets from small stūpas at Dharmarājikā.

DHARMARĀJIKĀ. Stūpa area

(*a*) Reliquary from R4.

(*b*) Reliquary from S8.



(*c*), (*d*), (*e*) Three gold safety pins from S8.

(*f*) Reliquary from B6.

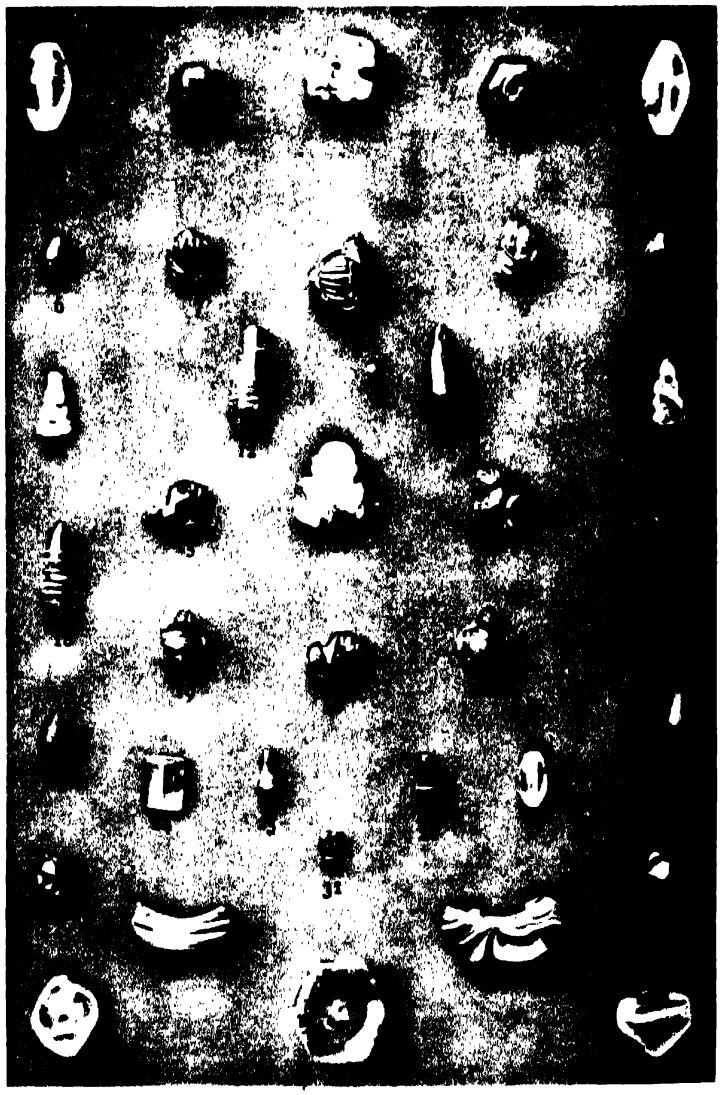
(*g*) Beads from S8.

(*h*), (*i*) Reliquaries from J2.

(*j*) Beads from J2.

(*k*), (*l*) Reliquaries from T1.

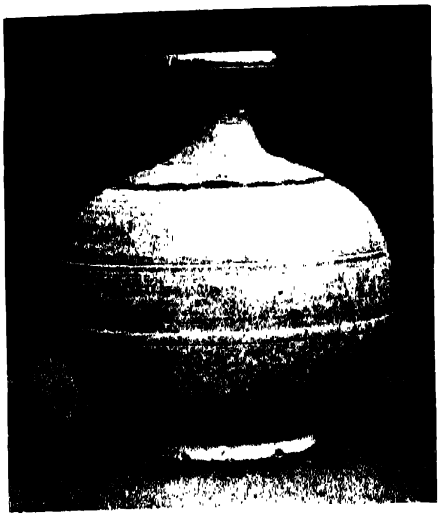
(*m*) Clay balls from S10.



(*n*) Selection of beads from stūpa B6.

Gold reliquaries, beads and other objects from small stūpas.

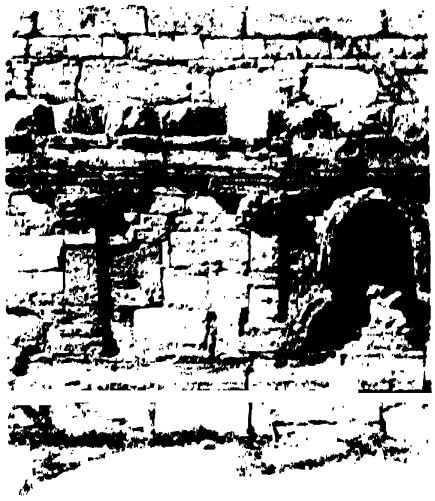
DHARMARĀJIKĀ. Stūpa area



(*a*) Schist vase from stūpa S8.

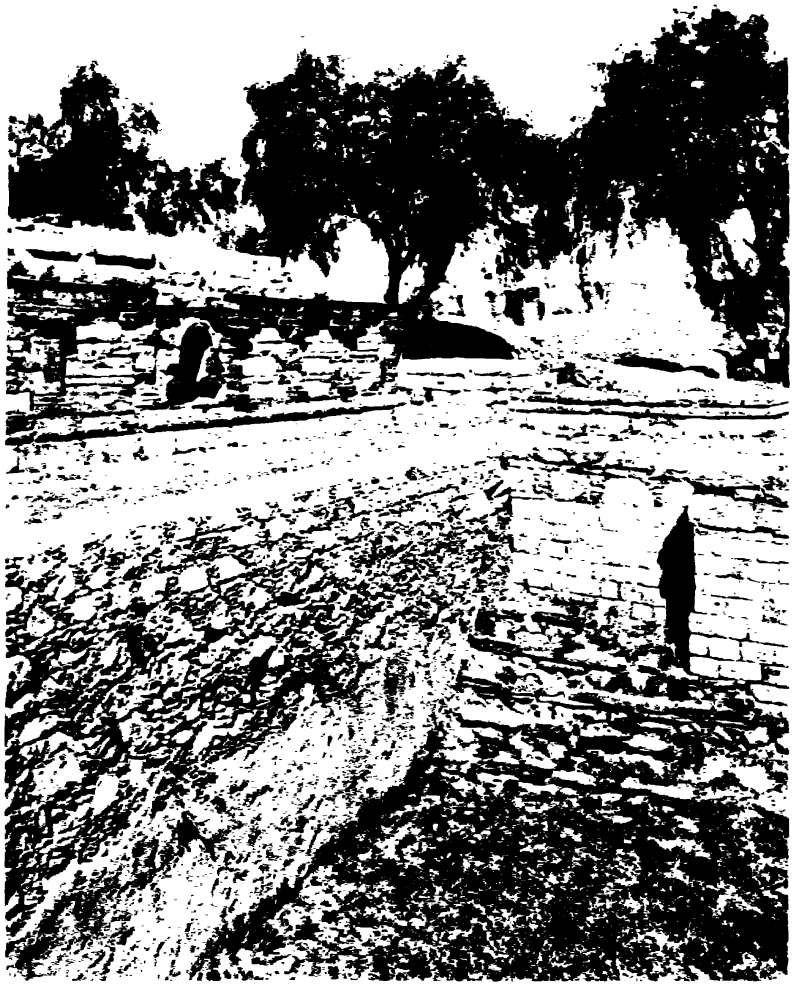
(*b*) Foundation of stūpa in cell E2.

(*c*) Base of stūpa D3 surmounted by wall of later chapel; to right, back wall of chapel D5.

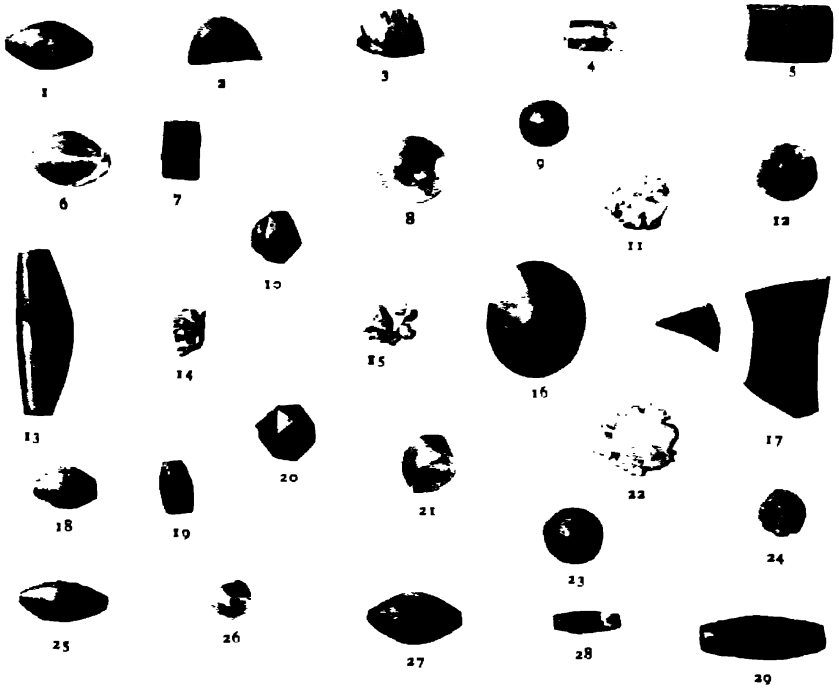


(*d*) The plinth of stupa N4, from east.

DHARMARAJIKA. Stūpa area



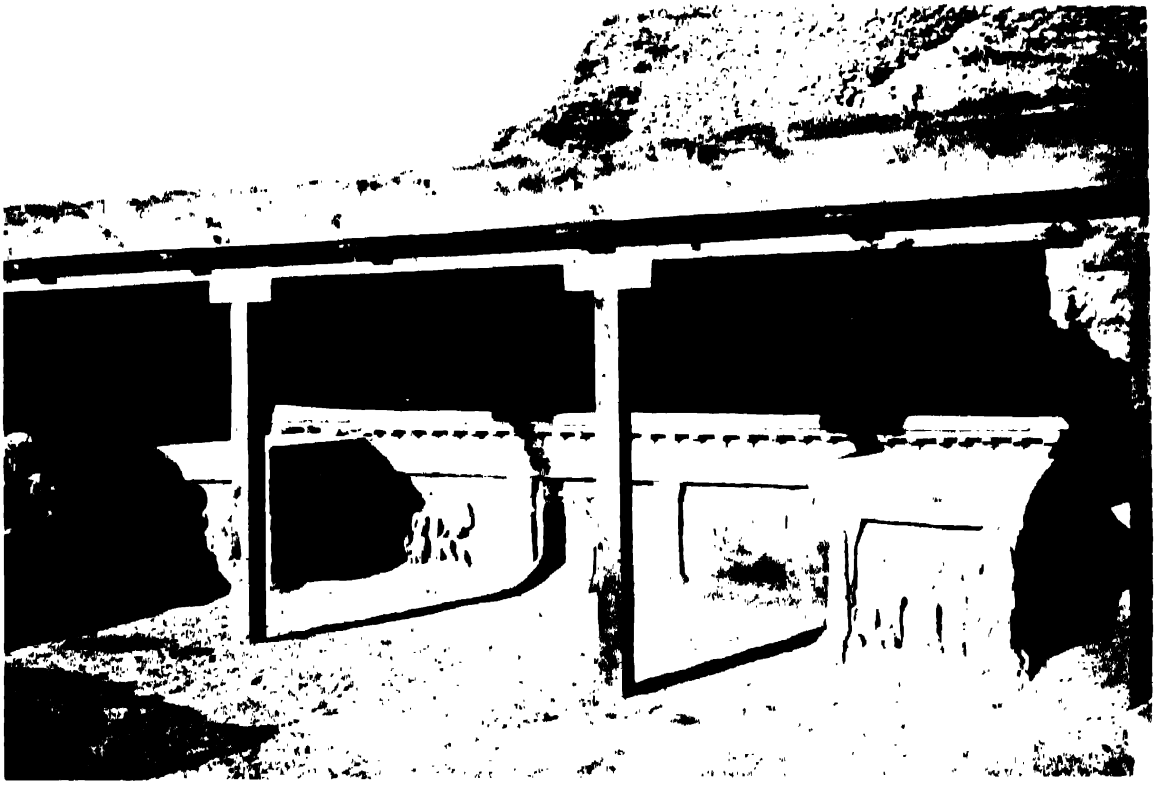
(*a*) Tank of Śaka period, with steps at north end. Above steps, stūpa K 2; to left, stūpa K 1.



(*b*) Beads and gems from stūpa U 1.

(*c*) Hand copy by the author of inscription of the year 136 from chapel G 5

DHARMARĀJIKĀ. Stūpa area



(*a*) Plinth of stupa R 1, from west.

(*b*) Specimens of stucco figures in the Gandhāra style decorating the west face of the above plinth.

(*c*) Similar, on north side of pylon.

DHARMARĀJIKĀ. Stūpa area

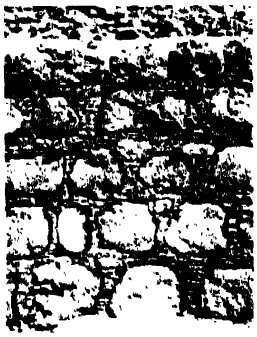
1. D2, from south-west.

2. G6.

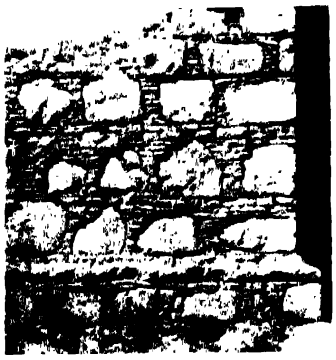
3. Dh. monastery S.

4. B5, from north.

5. I3.



6. D5.



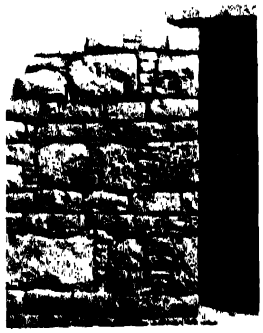
7. P1.

8. R1.

9. B23.

10. South gateway.

11. R7.



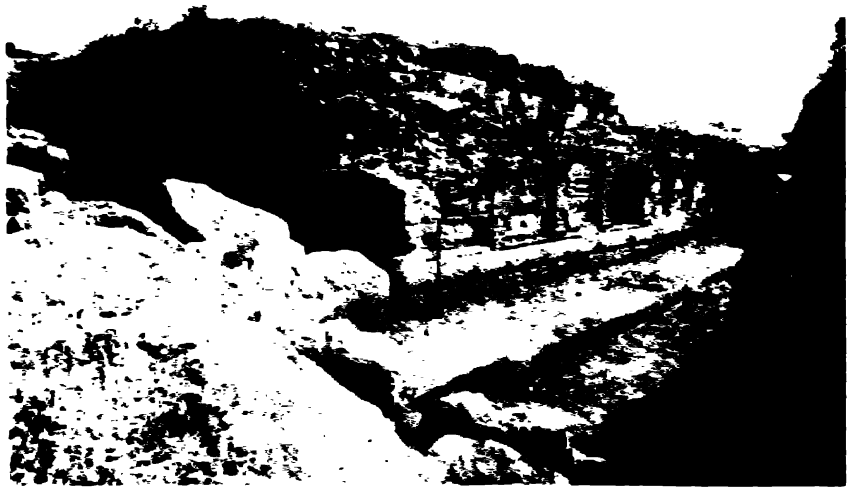
12. P2.

1–12. Examples of stone masonry at the Dharmarājikā illustrating its evolution from first century B.C. to medieval period.

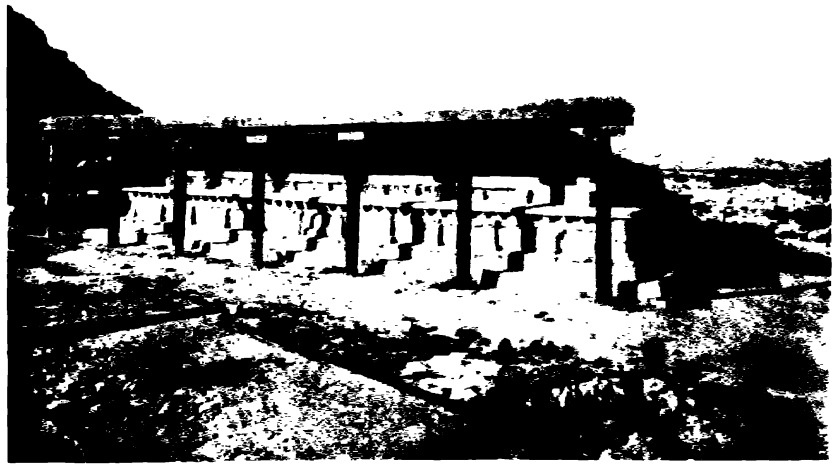
DHARMARĀJIKĀ. Stūpa area

(*a*) Stūpas J 2 and J 3, from north-west.

(*b*) Plinth of stūpa R 1, with later walling concealing most of the south façade. Above plinth, diaper wall of later chapel.



(*c*) Stūpa N 4, from south-west.

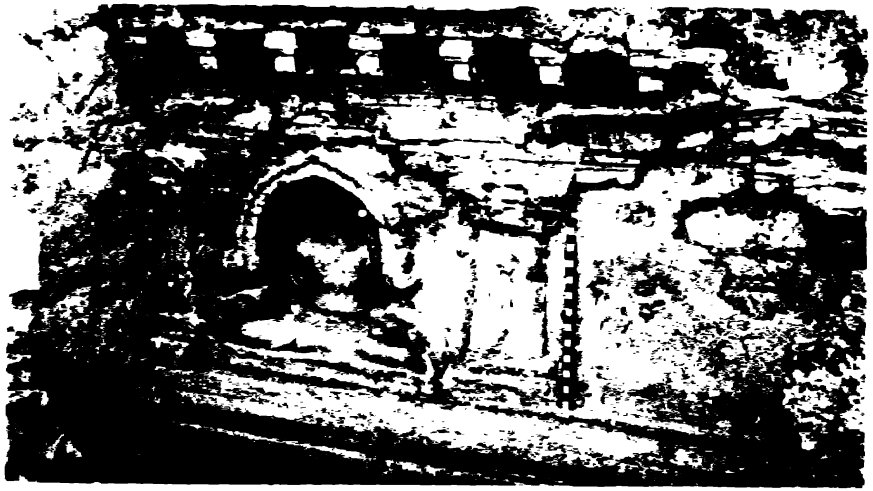


(*d*) Stūpa J 1, from south-west.

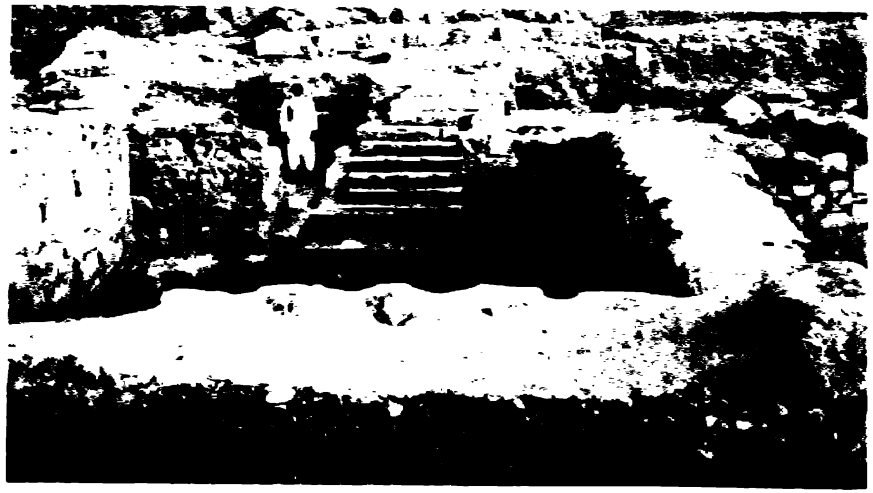
DHARMARĀJIKĀ. Stūpa area

(*a*) Plinth of stūpa K 1, from south-east.

(*c*) Stūpa P6, from south-west.



(*b*) Central bay of above on north face, with Buddha image in niche.



(*d*) North entrance to *pradakshiṇā* of Great Stūpa enclosed by later chapel, B 1, from north.

DHARMARĀJIKĀ. Stūpa area

(*a*) Stūpa J 1: upper frieze, from north-west.

(*b*) The same: lower frieze, from south-west.

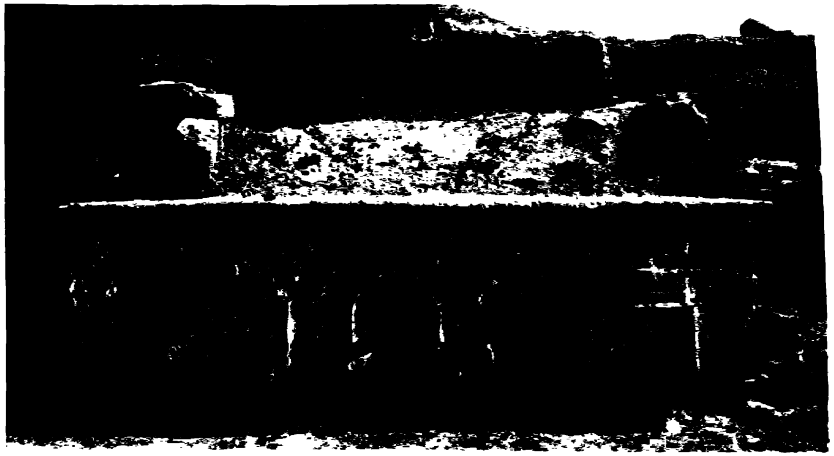
DHARMARĀJIKĀ. Stūpa area

(*a*), (*b*) Stucco images on north and south walls of chapel N 18.

(*c*) Chapel N 18, from west.

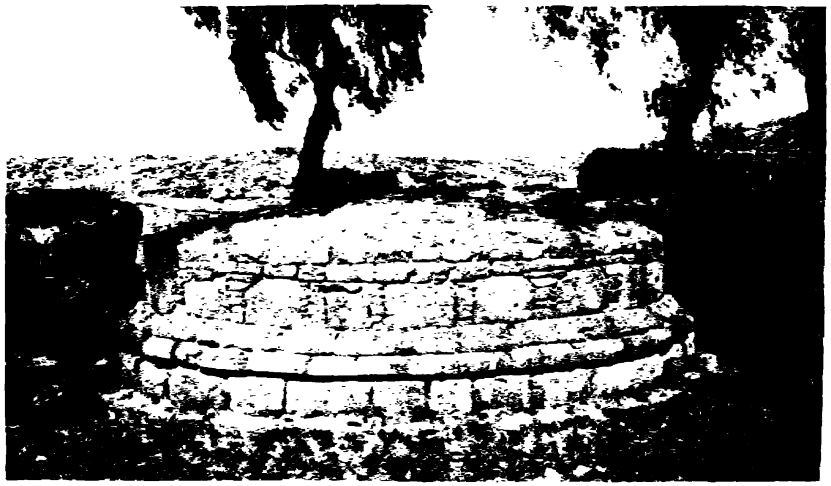
DHARMARAJIKA. Stūpa area

(*a*) Chapel S 3, from west.



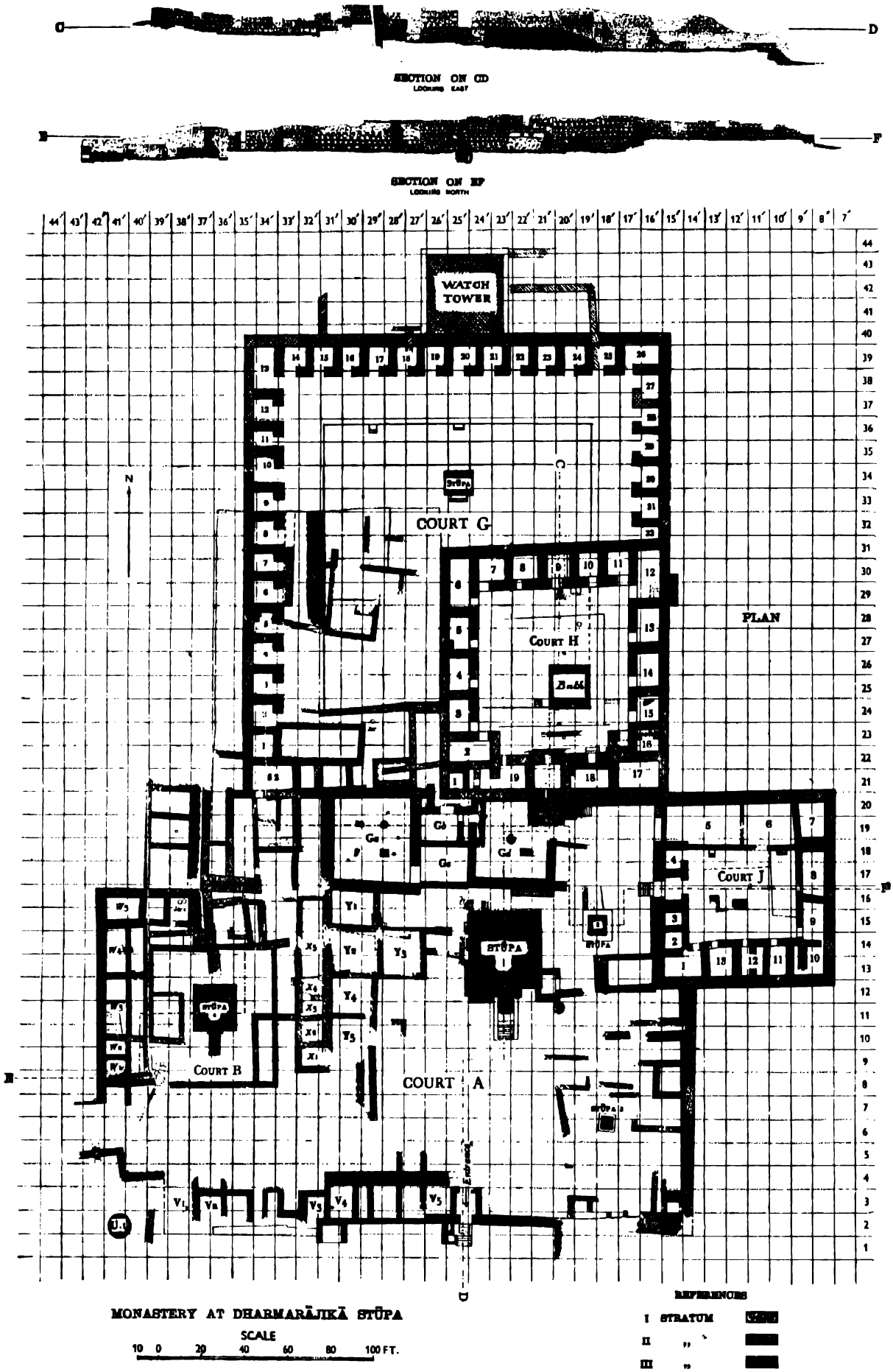
(*b*) Plinth of small chapel between N 16 and N 17, from west.

(*c*) Stūpa-chapel N 16, from west.



(*d*) Stūpa U 1, from south.

DHARMARĀJIKĀ



Plan and sections of monastery area.

DHARMARĀJIKĀ. Monastery area

(*a*) Stūpa 1, from south-east, with remains of later chapel at south-east corner.

(*b*) Stūpa 2, from south-west, with entrance to court J in background on right, and outer wall of court H on left.

PLATE 63

DHARMARĀJIKĀ. Monastery area

(*a*) Interior of court H, from north-east.

(*b*) Outer wall of court H, from south-west, with platform in front of entrance.

DHARMARĀJIKĀ. Monastery area

(*a*) Remains of chambers W 1–2, south-west of stūpa 4, with later drain driven underneath.

(*b*) Assembly hall G*a* (with man standing by north wall), and chambers G*b* and G*c*, as seen from top of stūpa 1.

(*c*) South-west corner of court H, showing walls of three periods, from north.

(*d*) Court H, with drains of two periods on north side.

ARMARĀJIKĀ onastery area

(*a*) Stone and gold caskets from stūpa 4.

Earth bow urt

(*c*) Stucco head of Bodhisa from court B.

(*e*) Elephant and eagle capital from court G.

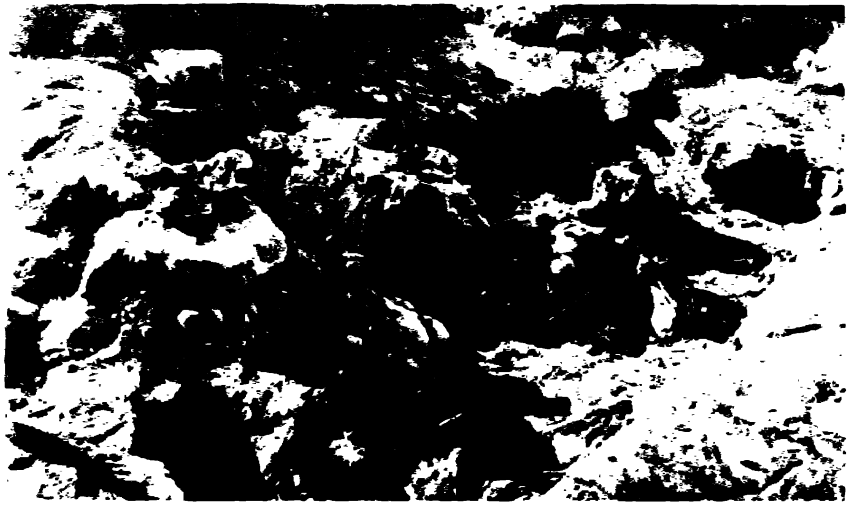
(*d*) Copper finial from court G.

(*f*) Earthenware incense burner from court H.

tta plaque from rt G.

Stone figure of Kuvera(?) from court A.

DHARMARĀ KĀ. Skeletal remains court
(as numbered in the field)



(*a*) Skeleton no. 1.

(*b*) Skeleton no. 2.

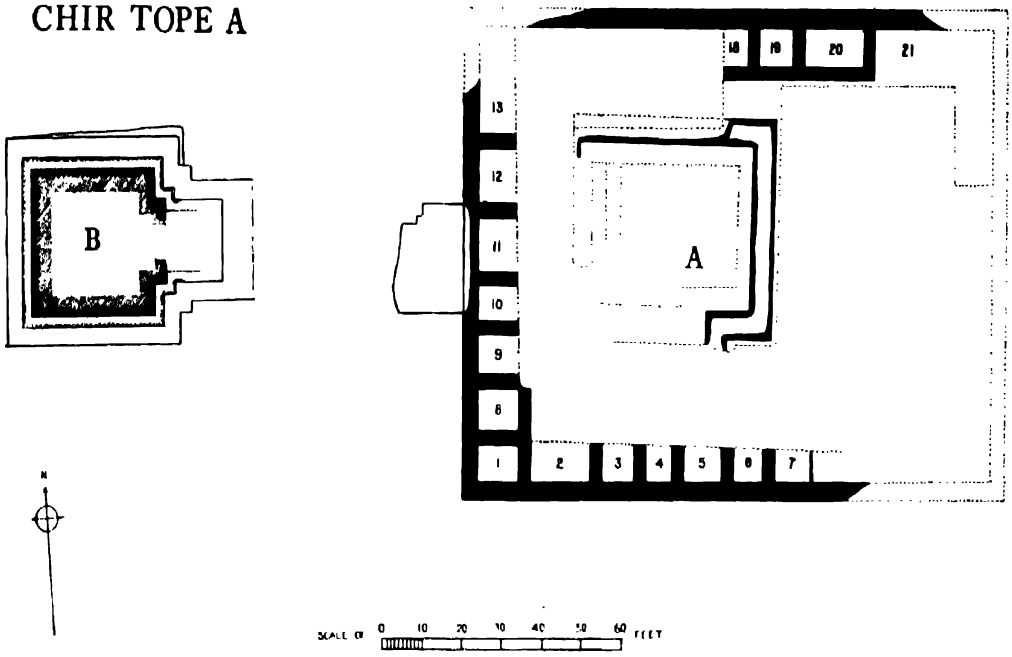
(*c*) Skeleton no. 3.

(*d*) Skeleton no. 4.

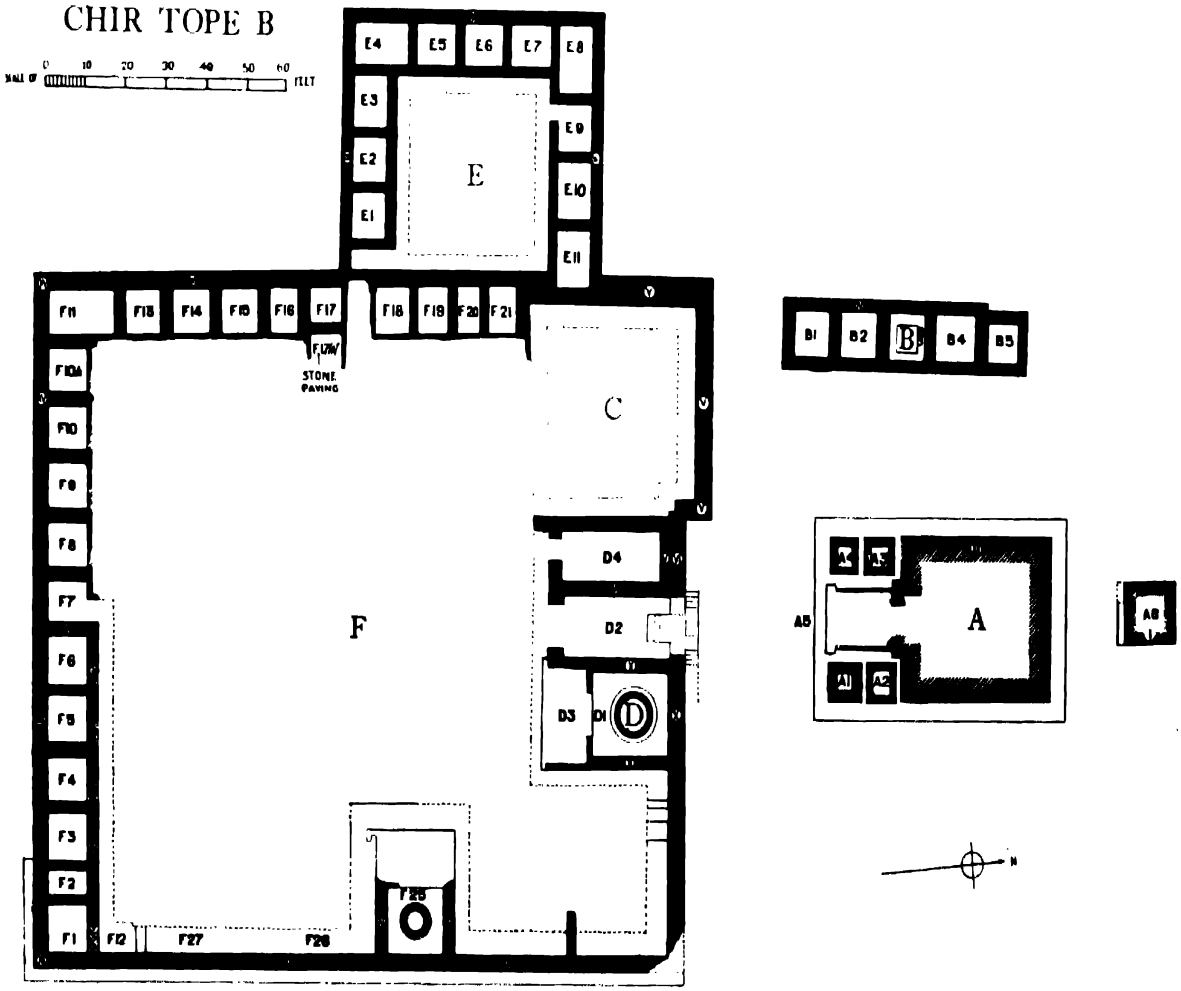
PLATE 66

KHĀDEṚ MOHṚĀ, AKHAURĪ, etc.
(=Chir Tope A–D)

CHIR TOPE A

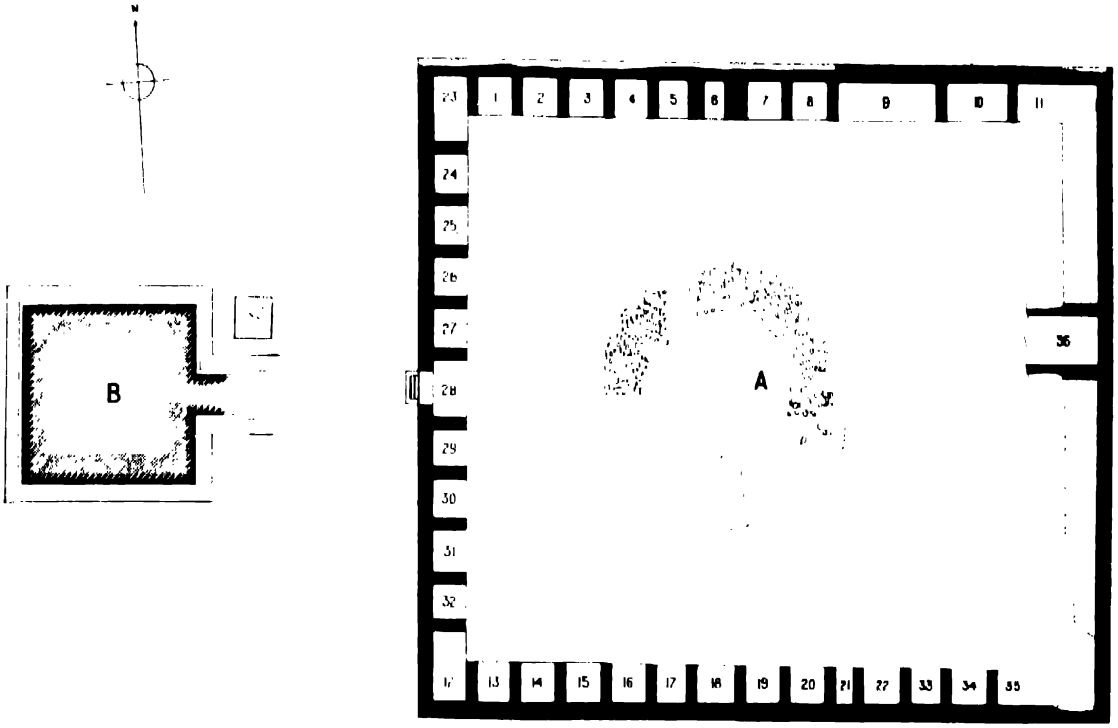


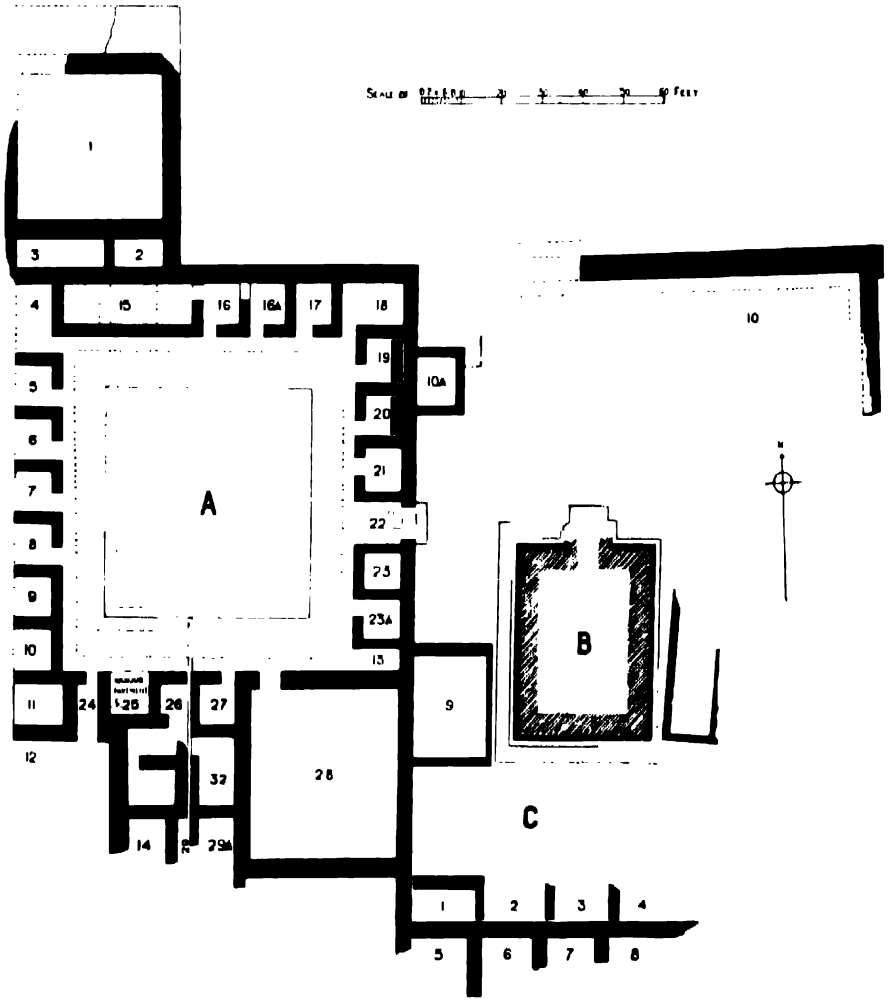
CHIR TOPE B



(*a*) and (*b*) Plans of remains at Chir Tope A and B (Akhaurī).

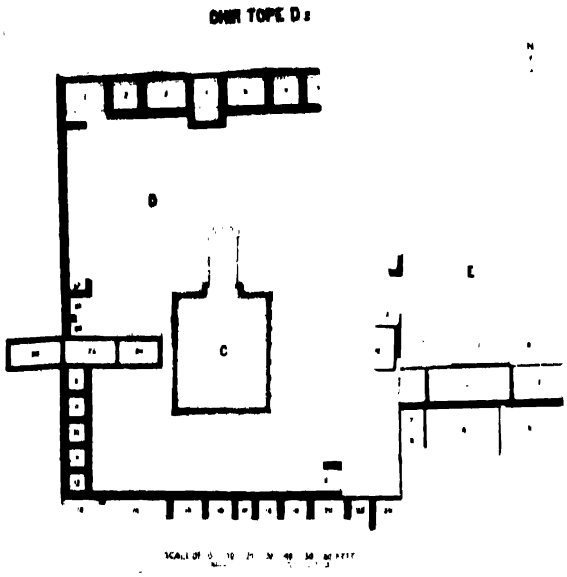
KHĀDEṚ MOHṚĀ, AKHAURI, etc.





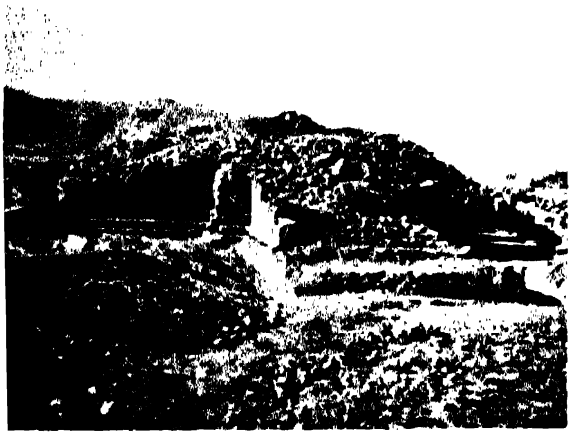
(*a*) and (*b*) Plans of remains at Chir Tope C and D I (Khāḍeṛ Mohṛā).

KHĀDEṚ MOHṚĀ, AKHAURĪ, etc.



(*a*) Plan of remains at Chir Tope D2 (Khāderṛ Mohṛā).

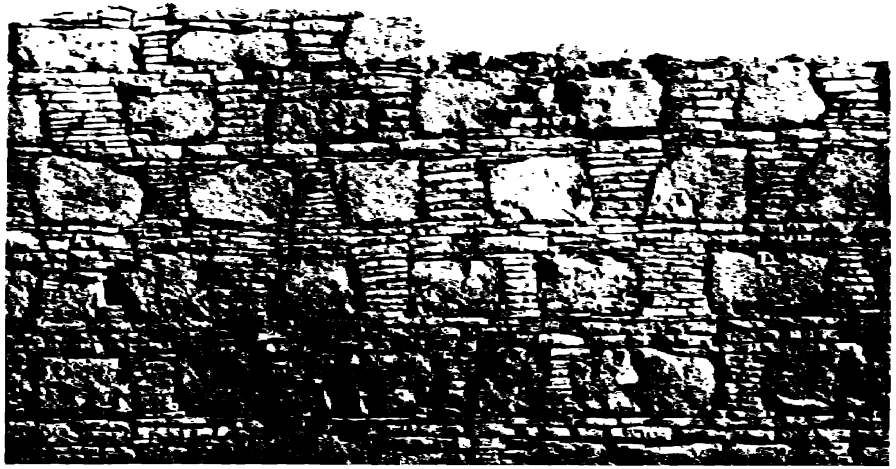
(*c*) North-east corner of stūpa C, showing coarse diaper masonry beneath broken plaster.



(*b*) The same site: view of stūpa C from north-east.

(*d*) Chir Tope B (Akhaurī): view of entrance hall of monastery from north-west.

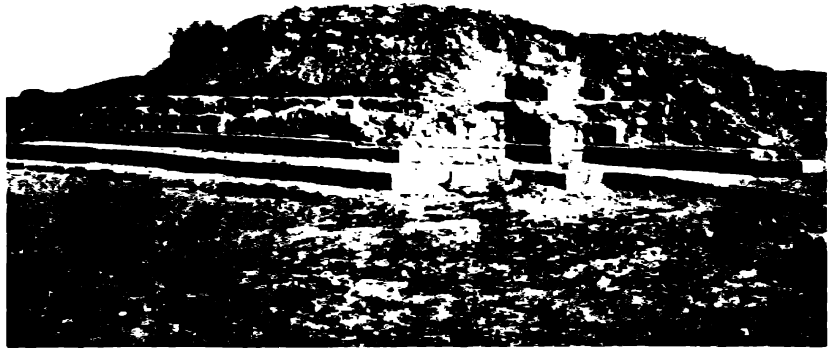
(*a*) Early diaper work in outer wall of assembly hall.



(*b*) Late diaper work influenced by semi-ashlar, in east wall of entrance hall.

(*c*) Another variety of late diaper in chapel F25.

(*d*) Boulder-in-mud work in interior walls of cells F6 and F7.



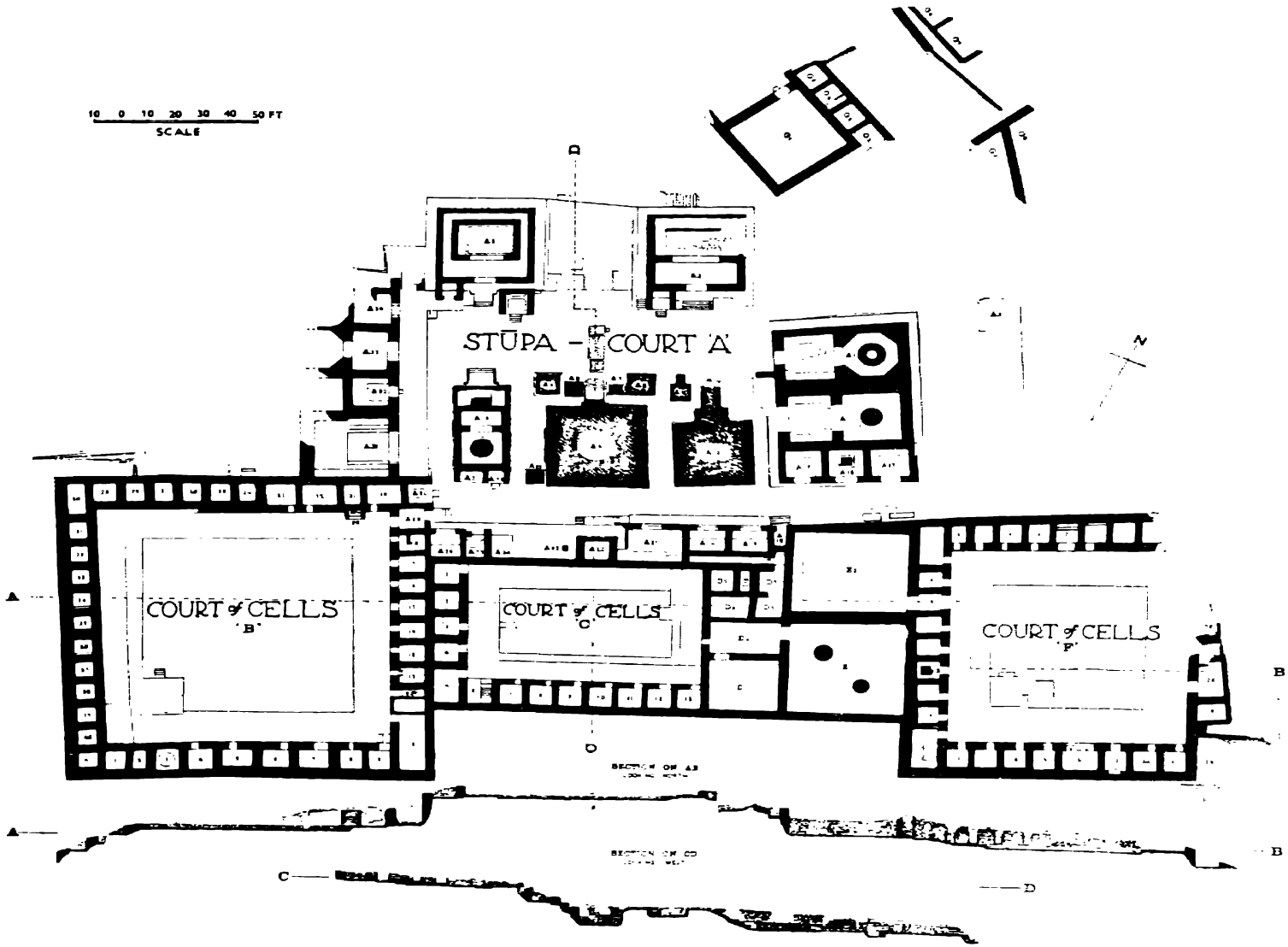
(*a*) Stūpa at Chir Tope A, from south-east.

(*b*) Stūpa at Chir Tope B (Akhaurī), from north-west.

(*c*) Stūpa at Chir Tope B (Akhaurī), from north.

(*d*) Stūpa at Chir Tope C, from south-west.

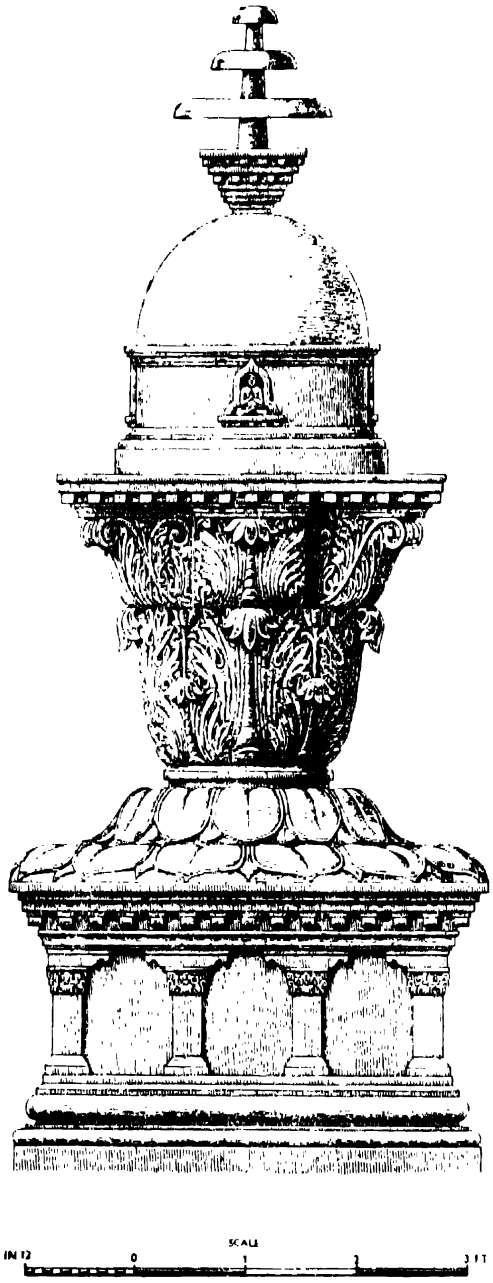
KALAWAN



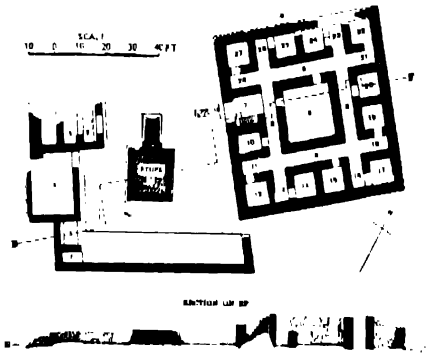
Plan of *sang*) Ki

PLATE 72

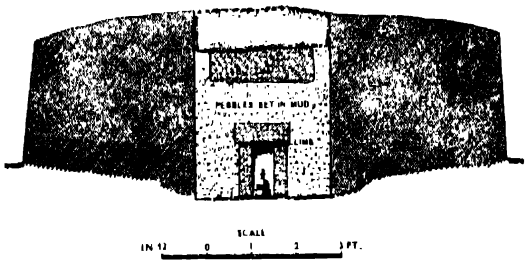
KĀLAWĀN



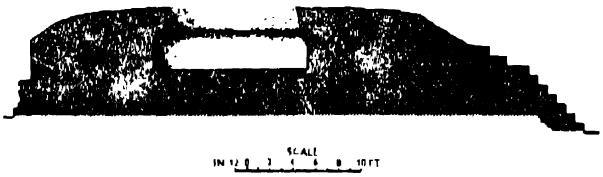
(a) Conjectural restoration of stūpa in F12.



(b) Plan of small monastery H and stūpa-court.



(c) Section of stūpa A1.



(d) Section of stūpa A4.

KĀLAWĀN

(*a*) View of main stūpa A4 and other buildings from north-east.

(*b*) Stūpa-court A, from south-west.

KALAWĀN

(*a*) General view from above of monastic courts D, E and F, with stūpa-court and chapels beyond, from south-east.

(*b*) Western court of cells B, from south-east.

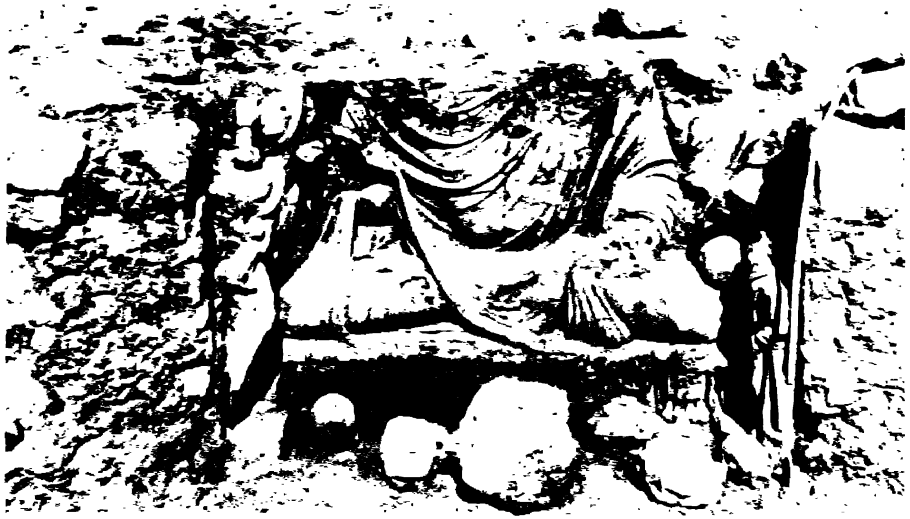
KĀLAWĀN

(a) Chapel A 13, from south-west.

(b) Stūpa 1 at monastery H, from south.

(c) Terrace and chapels A 24–A 26, from north-east

(d) Interior of court F, from north-east.



(*a*) Group of terra-cotta figures in alcove B20, showing positions of fallen heads.

(*b*) Steps leading to terrace in front of court C, from north-east.

(*c*) Front chamber of chapel A 1, with pavement of blue glass tiles.

(*d*) View of retaining walls outside south-east corner of court F.

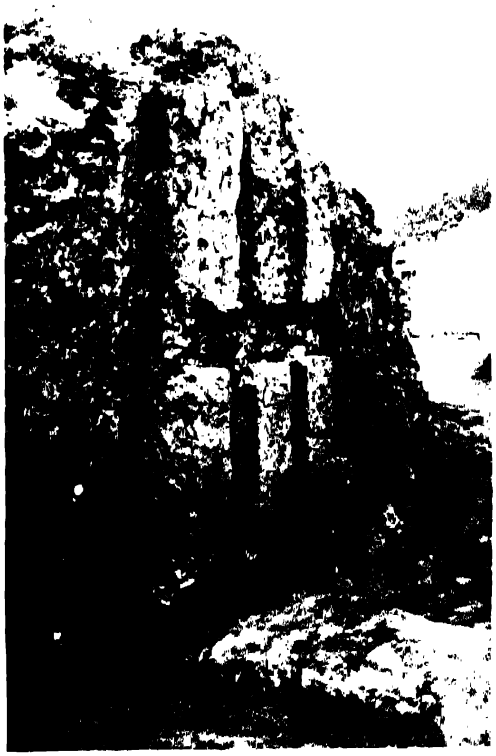
(a) Close-up view of terra-cotta figures in alcove B

(b) The same: right side.

KĀLAWĀN

(*a*) Stupa in cell F 12.

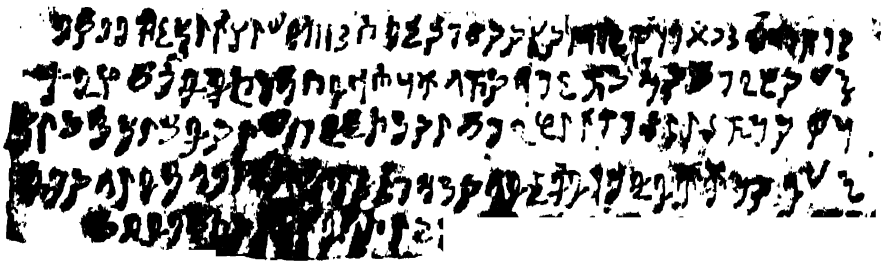
(*b*) Relic chamber and cover of small stūpa.



(*c*) Doorway in court B, showing chases for timber sunk in clay facing.

(*d*) Interior of monastery H, with cells on left and common-room on right.

KĀLAWĀN



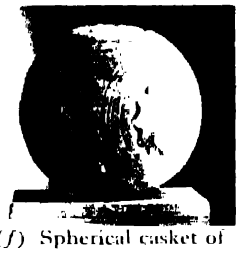
(*a*) Copper plate inscription from stūpa A 1.

(*b*) Gandhāra sculpture (= "Stone Sculptures", ch. 36, no. 96) from chapel A 1

(*c*) Caskets and other articles from relic chamber of A 1.

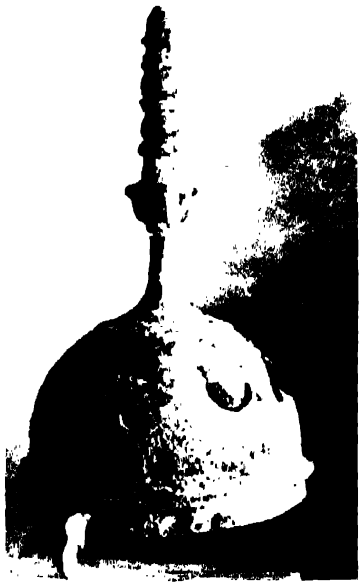
(*d*) Gold reliquary from stūpa in A 13.

(*e*) Silver reliquary from stūpa A 13.



(*f*) Spherical casket of schist from stūpa A 9.

(*g*) Stūpa-shaped casket covered with gold leaf, from stūpa A 1.



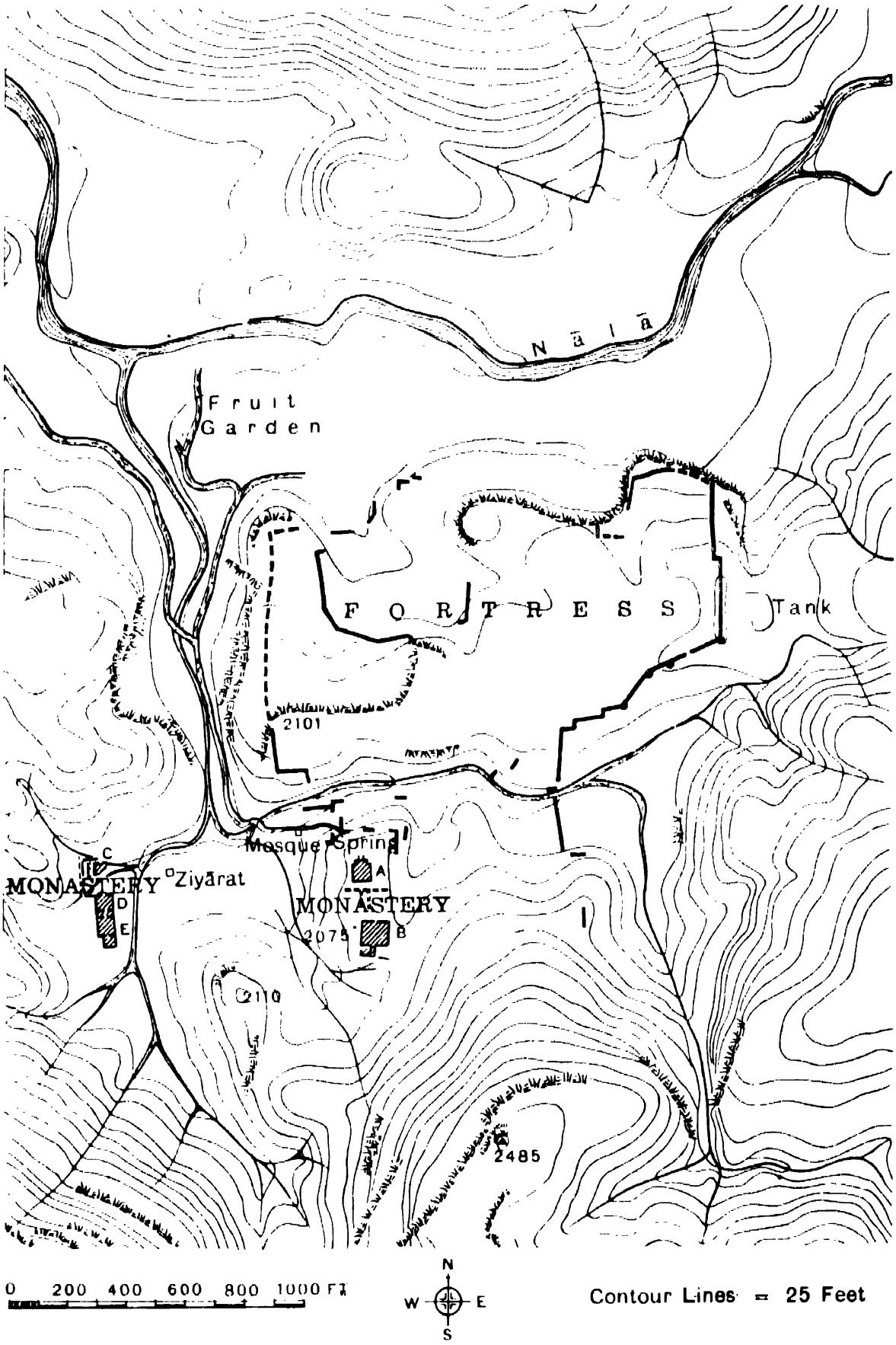
(*h*) Copper lid of vessel from room B 21.

(*i*) Casket of schist from stūpa A 13.

(*j*) Copper lid from room B 21.

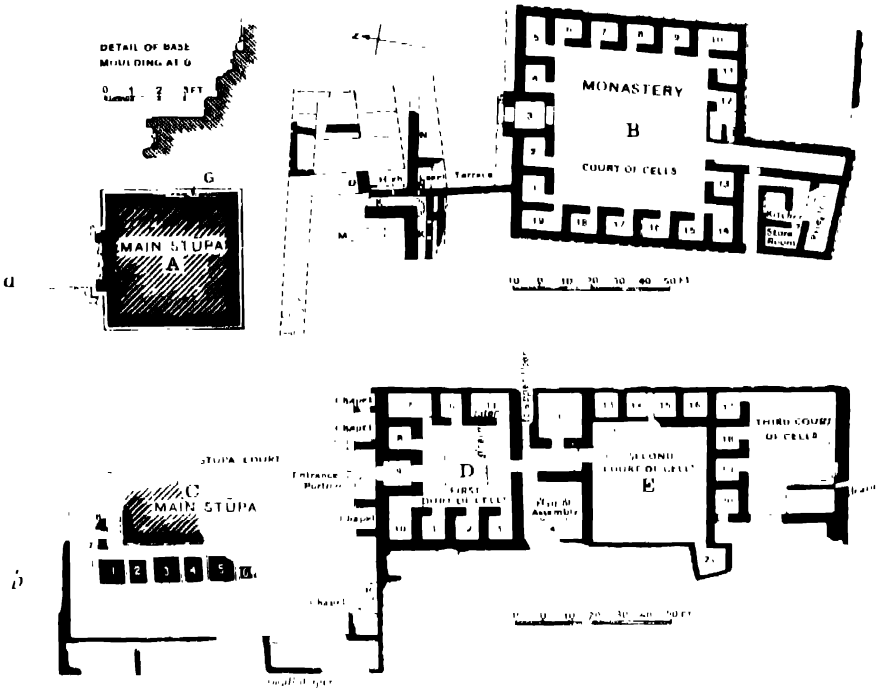
PLATE 81

GIRI

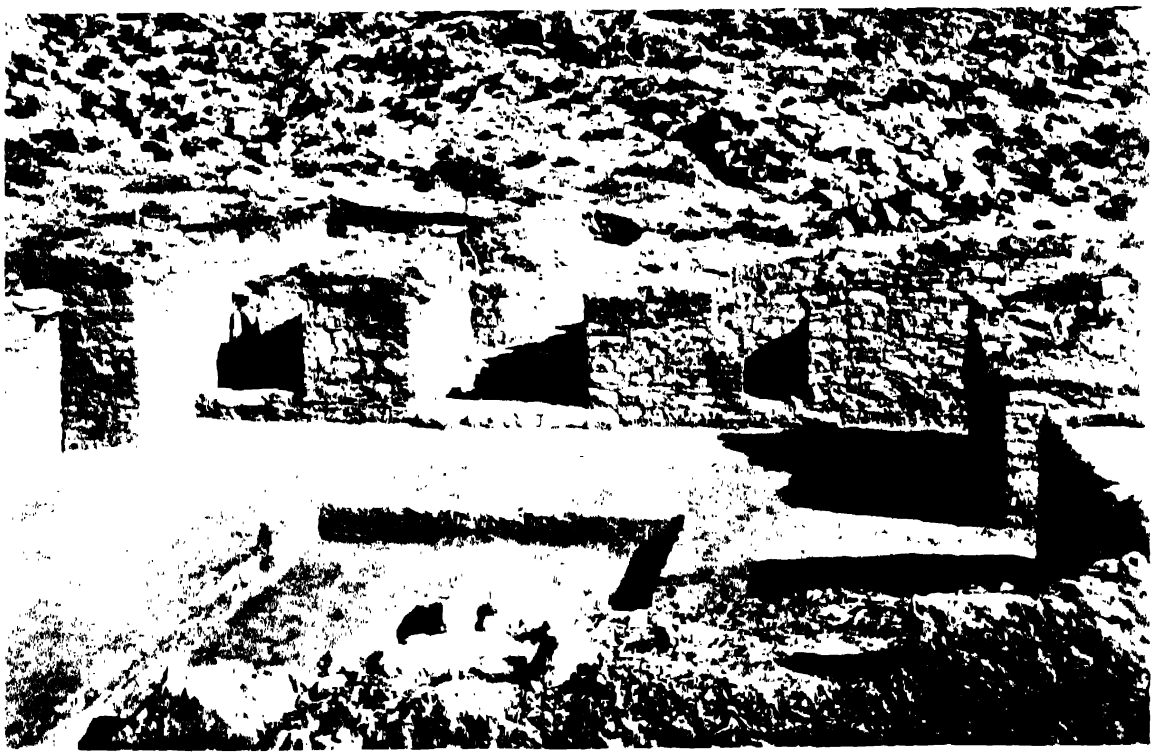


Map of the fortress and monasteries at Giri.

GIRI



(*a*) Plan of stūpa A and monastery B.
(*b*) Plan of stūpa C and monastic courts D and E.

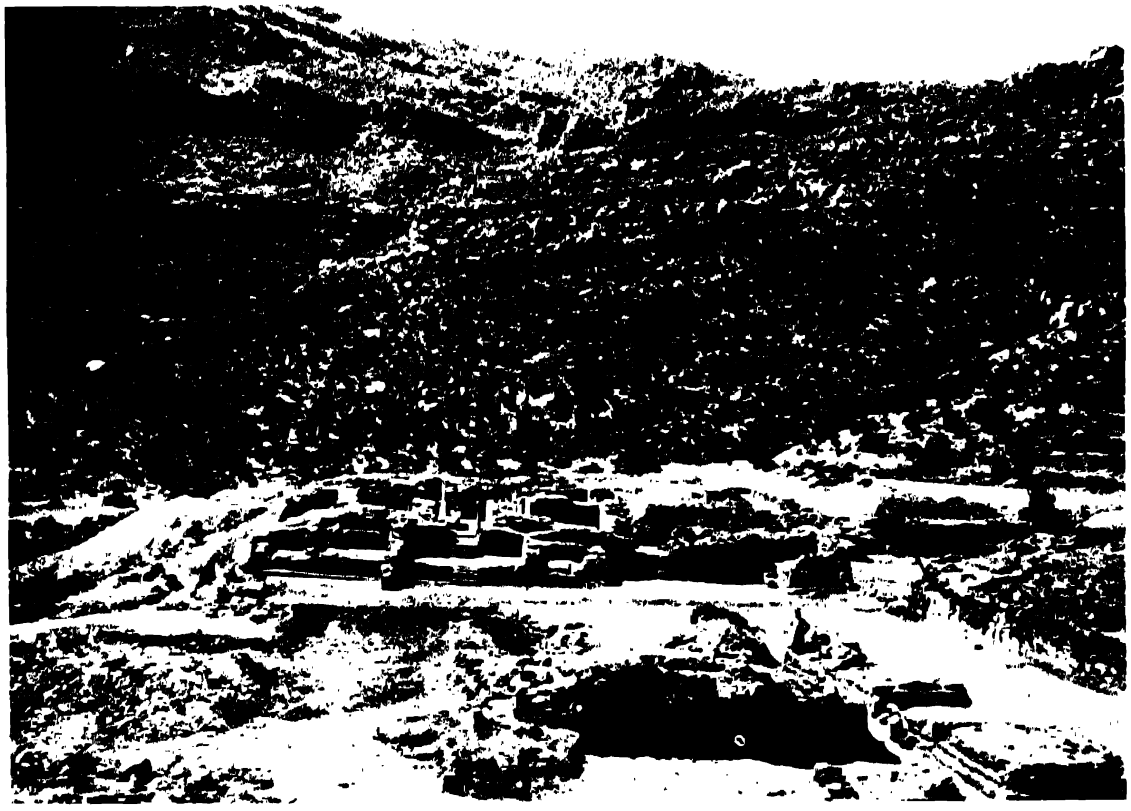


(*c*) Interior of court of cells D, from south.

PLATE 83

GIRI

(*a*) Remains of main stūpa C, with smaller stūpas, from north-west.



(*b*) View of courts D and E, from stūpa C.

GIRI

(*a*) Courts C, D and E, from south-east.

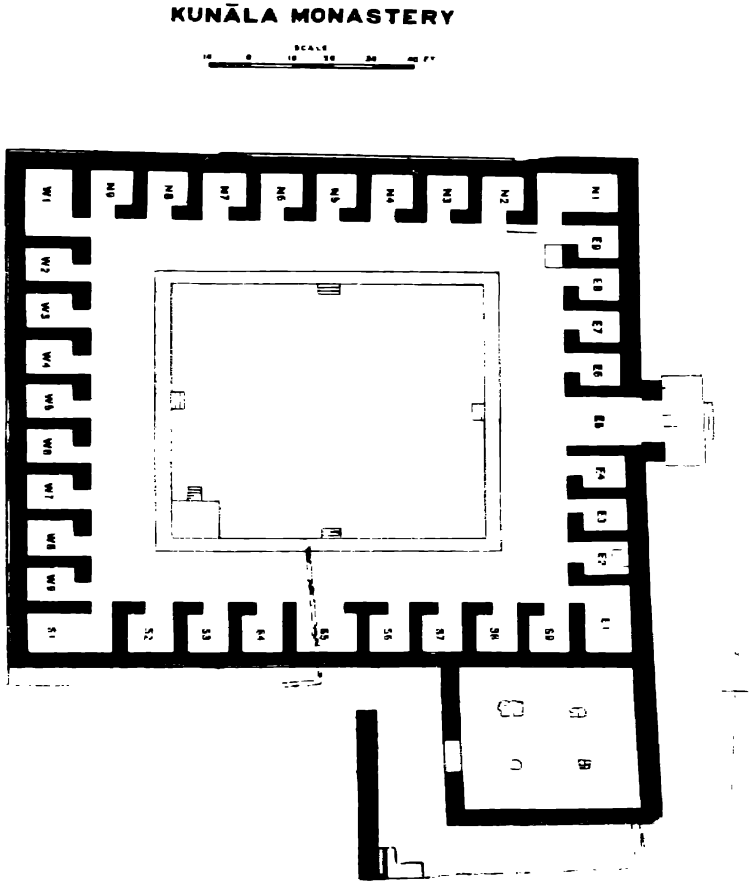
(*b*) Court B, from north.

GIRI

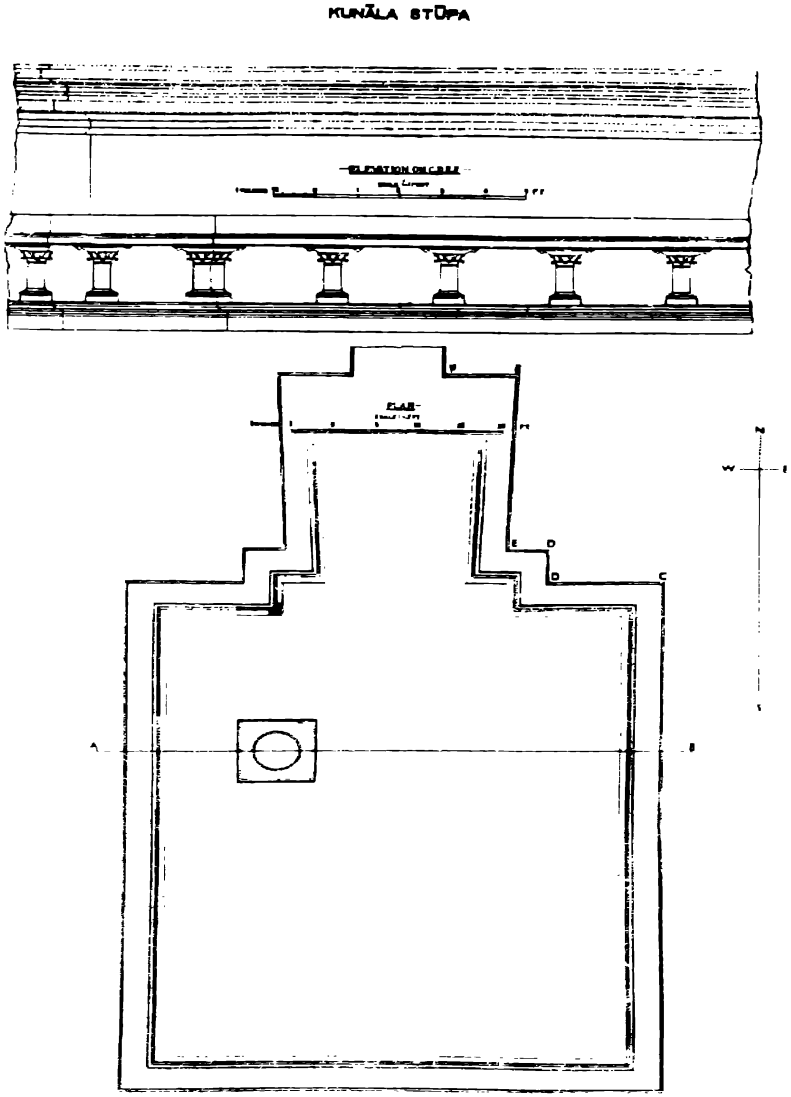
(*a*) Fallen stucco reliefs on west façade of stūpa C.

(*b*) Monastery D–E, showing flight of steps at side of refectory.

KUNĀLA *SAṄGHĀRĀMA*



(*a*) Plan of monastery

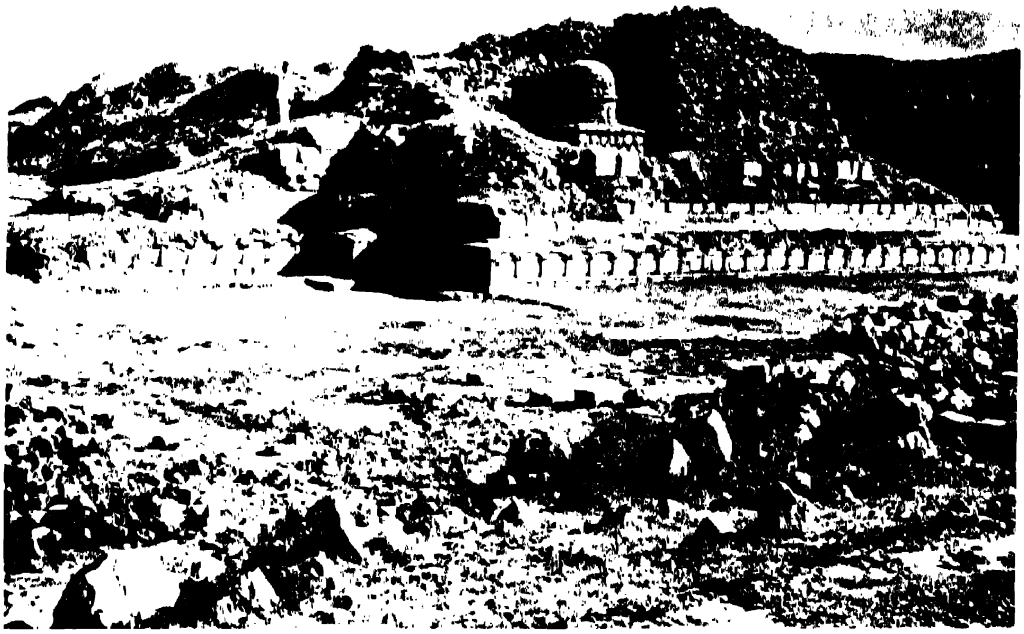


(*b*) Plan and details of stūpa.

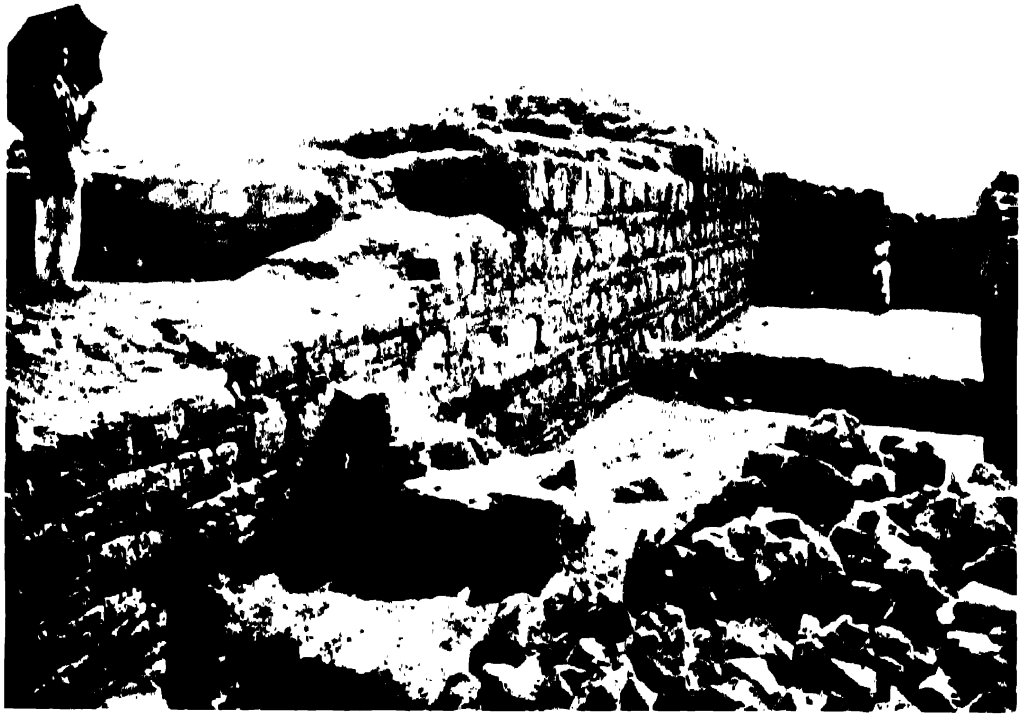
PLATE 86

PLATE 87

KUNĀLA *SANGHĀRĀMA*



(*a*) View of stūpa from north-west, showing small stūpa immured in its core.



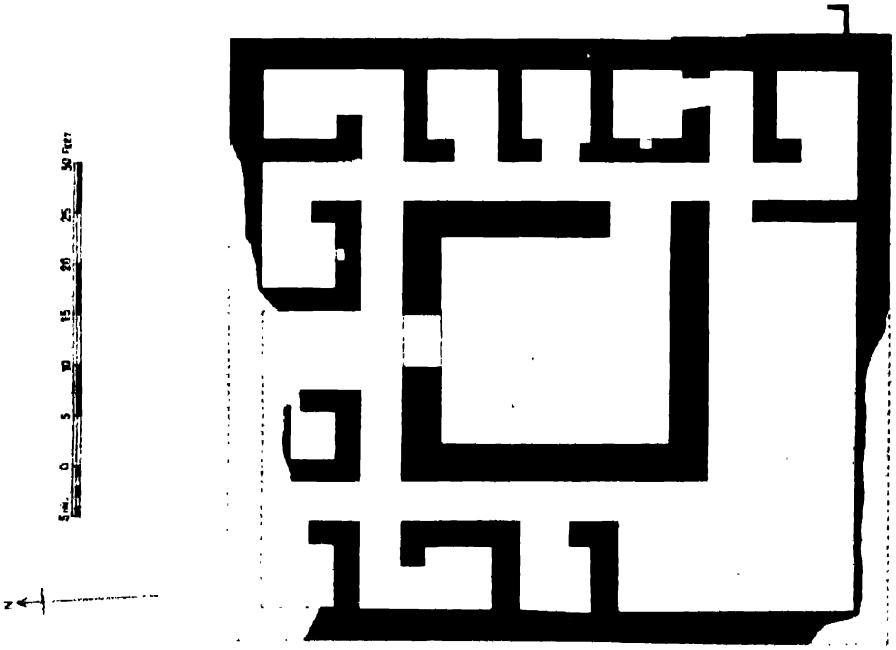
(*b*) Outer face of south wall of monastery, from south-west.

KUNĀLA *SAṄGHĀRĀMA*

(*a*) Interior of monastery, from north-west.

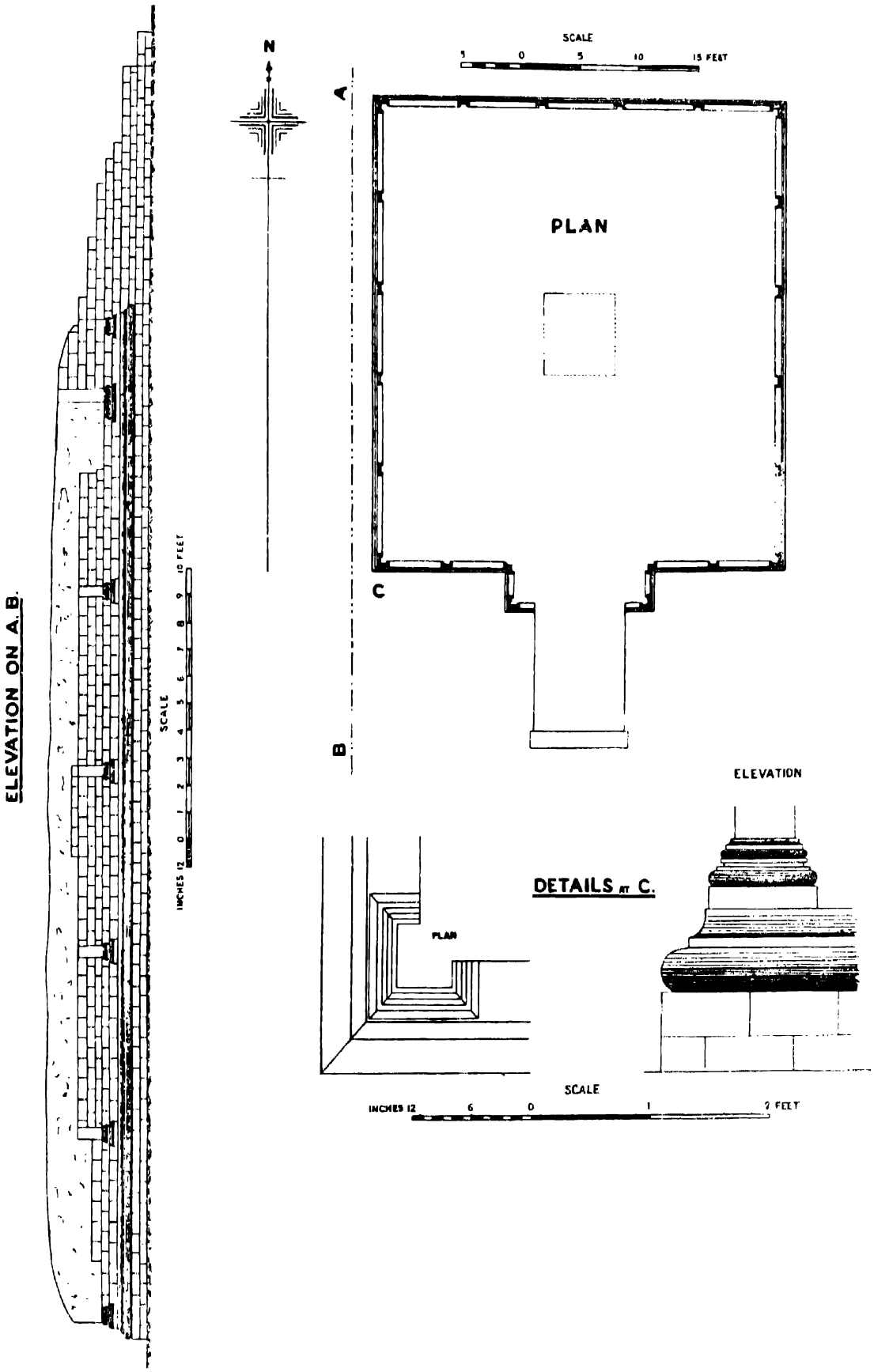
(*b*) The same: north-west side, showing character of semi-ashlar masonry.

GHAI



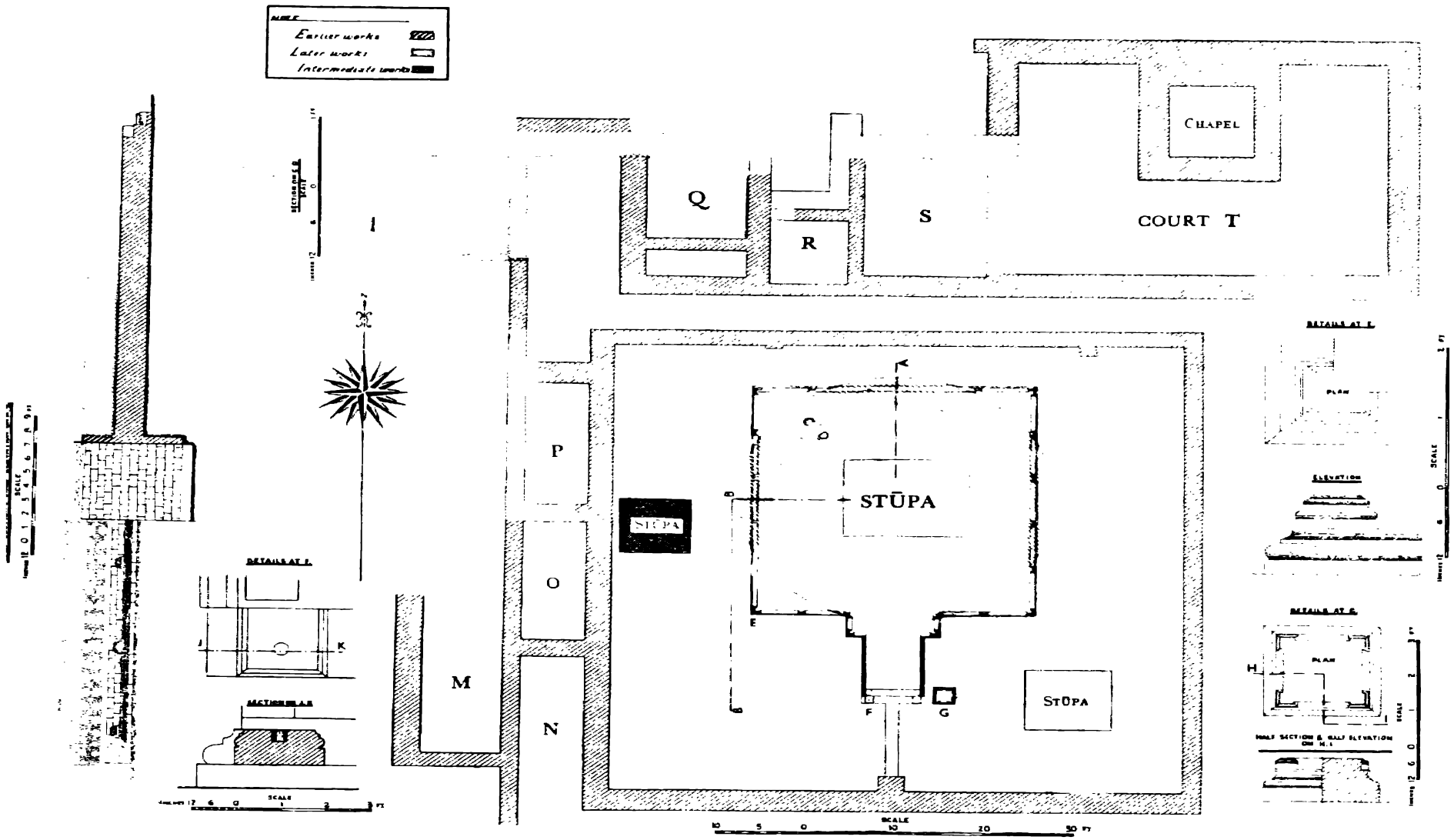
P

JANḌIĀL, A site



Plan, elevation and details of stūpa.

JAṆḌIĀL, B site



PLAN AND ELEVATION OF STŪPA AND MONASTERY B.

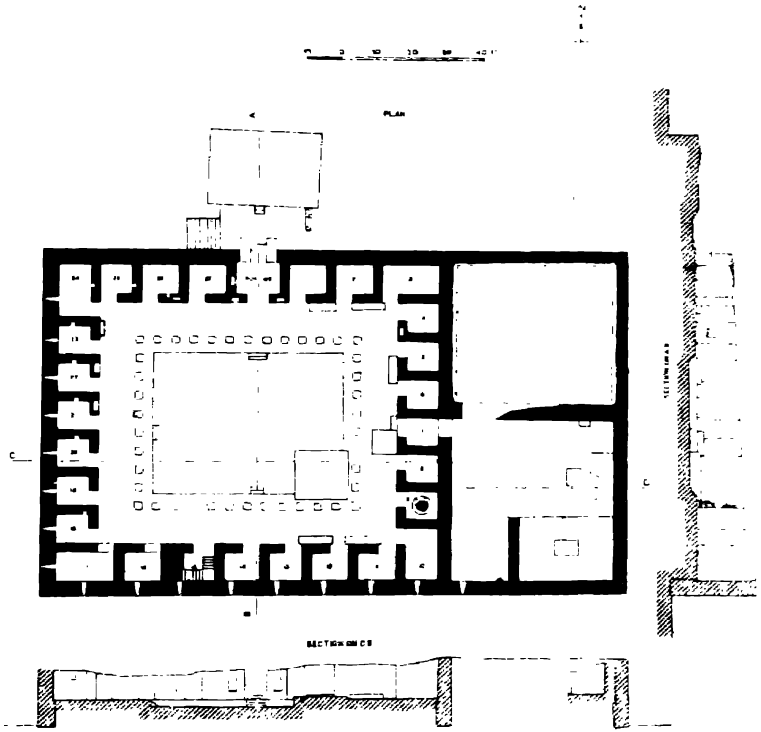
Plan, elevation and details of monastery and stūpas.

JAṆḌIĀL B AND MOHṚĀ MORĀDU

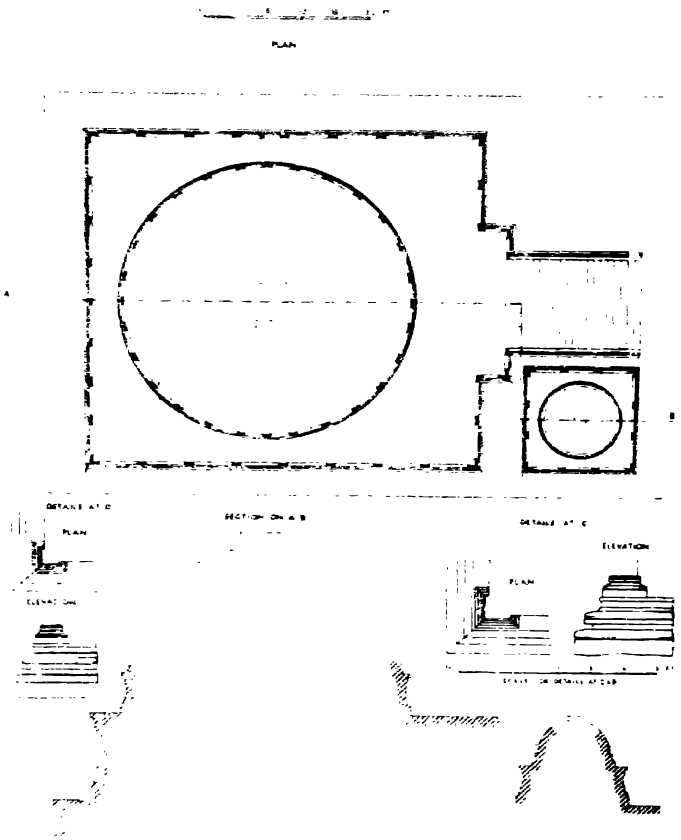
(*a*) View of stūpas at Jaṇḍiāl B from south.

(*b*) View of main stūpa at Mohṛā Morādu from north-east.

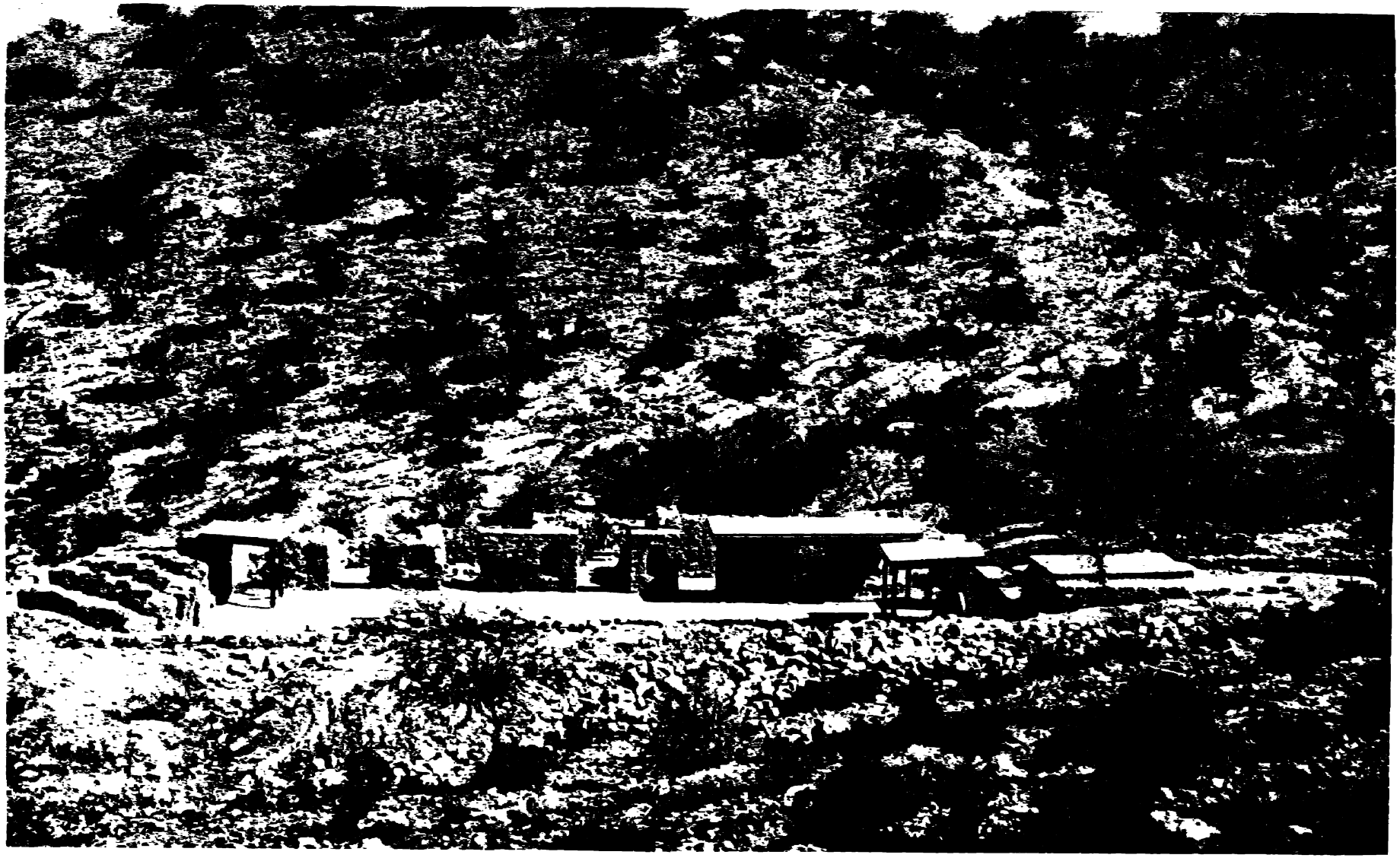
MOHRĀ MORĀDU



(*a*) Plan and sections of monastery.



(*b*) Plan, section and details of stūpas



General view of monastery from south.

MOHRĀ MORĀDU

(*a*) Exterior of monastery, north-west corner.

(*b*) Interior of monastery, from south-west.

MOHRĀ MORĀDU

(*a*) Stucco images in interior of monastery.

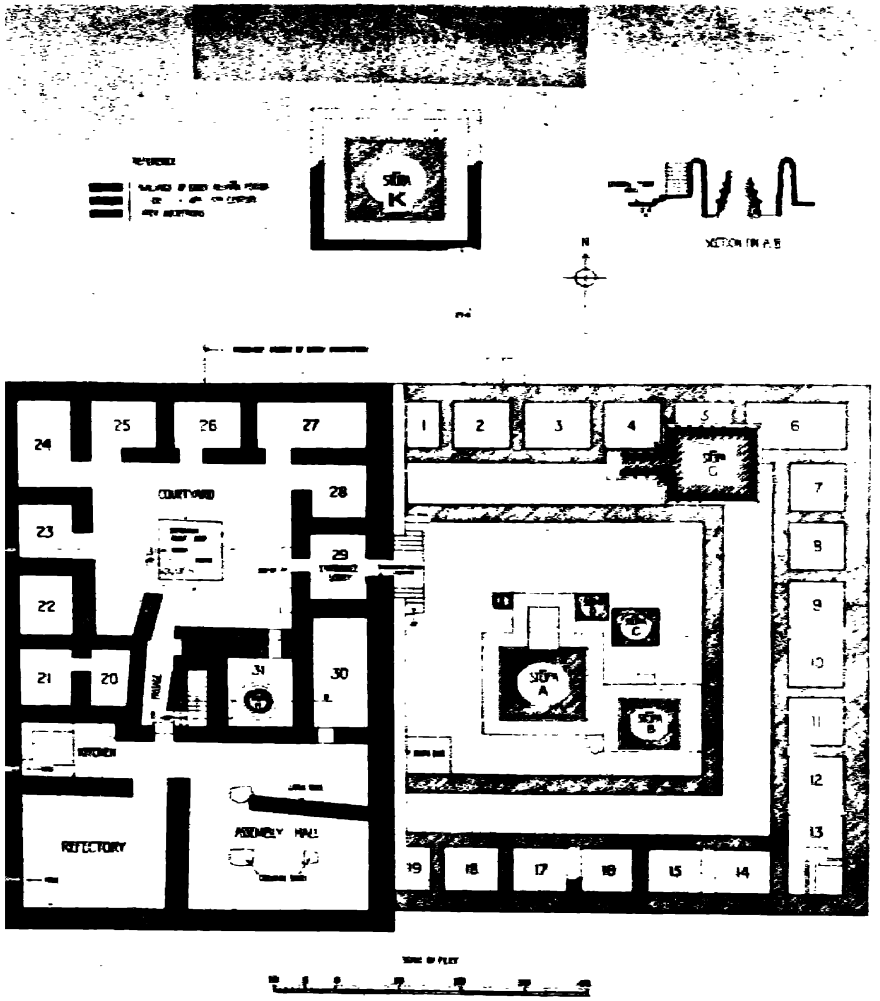
(*b*) Steps leading to upper story in chamber 15 of monastery.

(*c*) Row of stucco figures on south face of steps of main stūpa.

MOHṚĀ MORĀDU

(*a*) South-east angle of main stūpa, with stairway on right and remains of drum above.

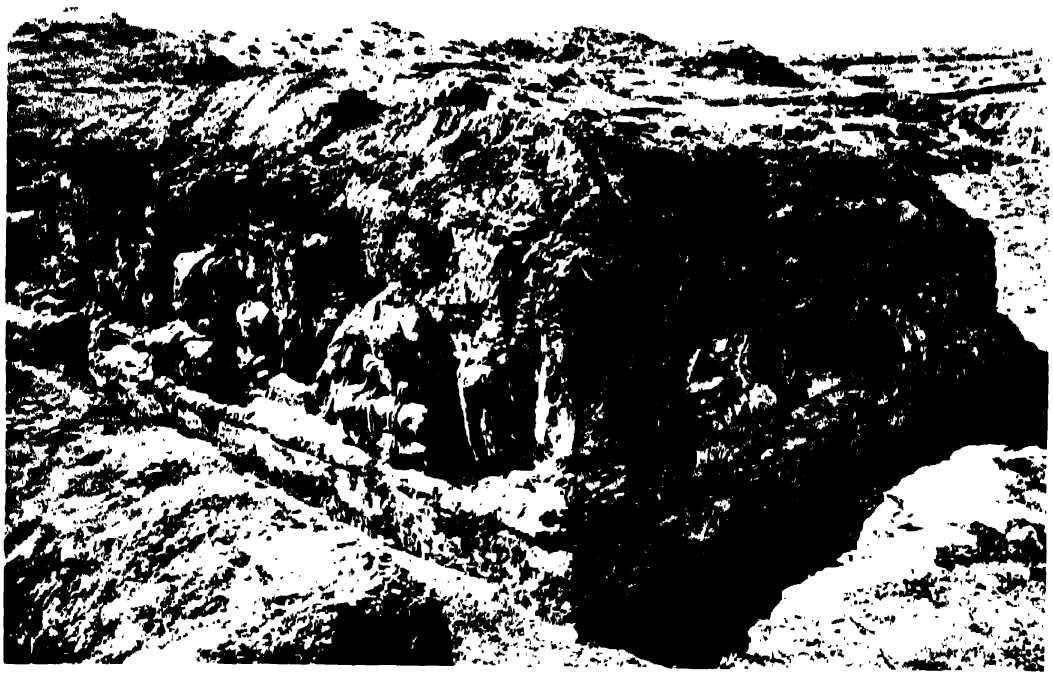
(*b*) Group of stucco figures in niche at entrance to monastery.



(a) Plan of monasteries and stūpas.

(b) Small stūpa in chamber 31.

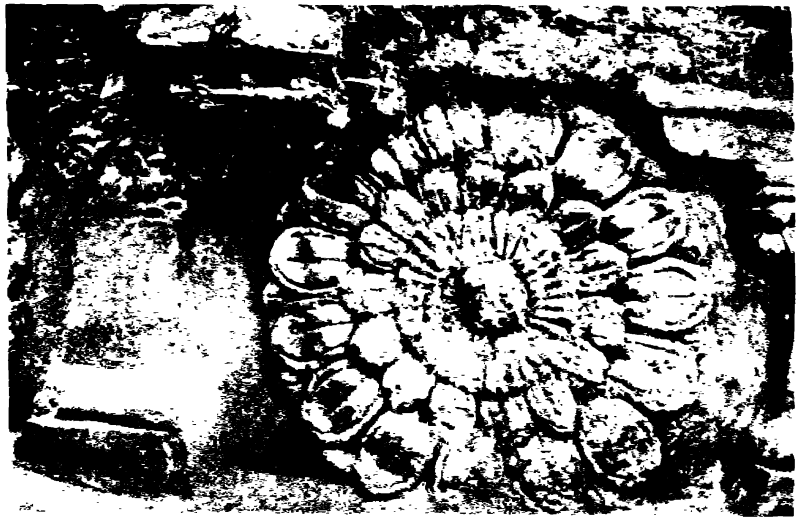
PIPPALA



(*a*) Stūpa on north side of site, from south-east.

(*b*) The same, showing details of reliefs on south side.

(a) Stūpa G, from south-west.

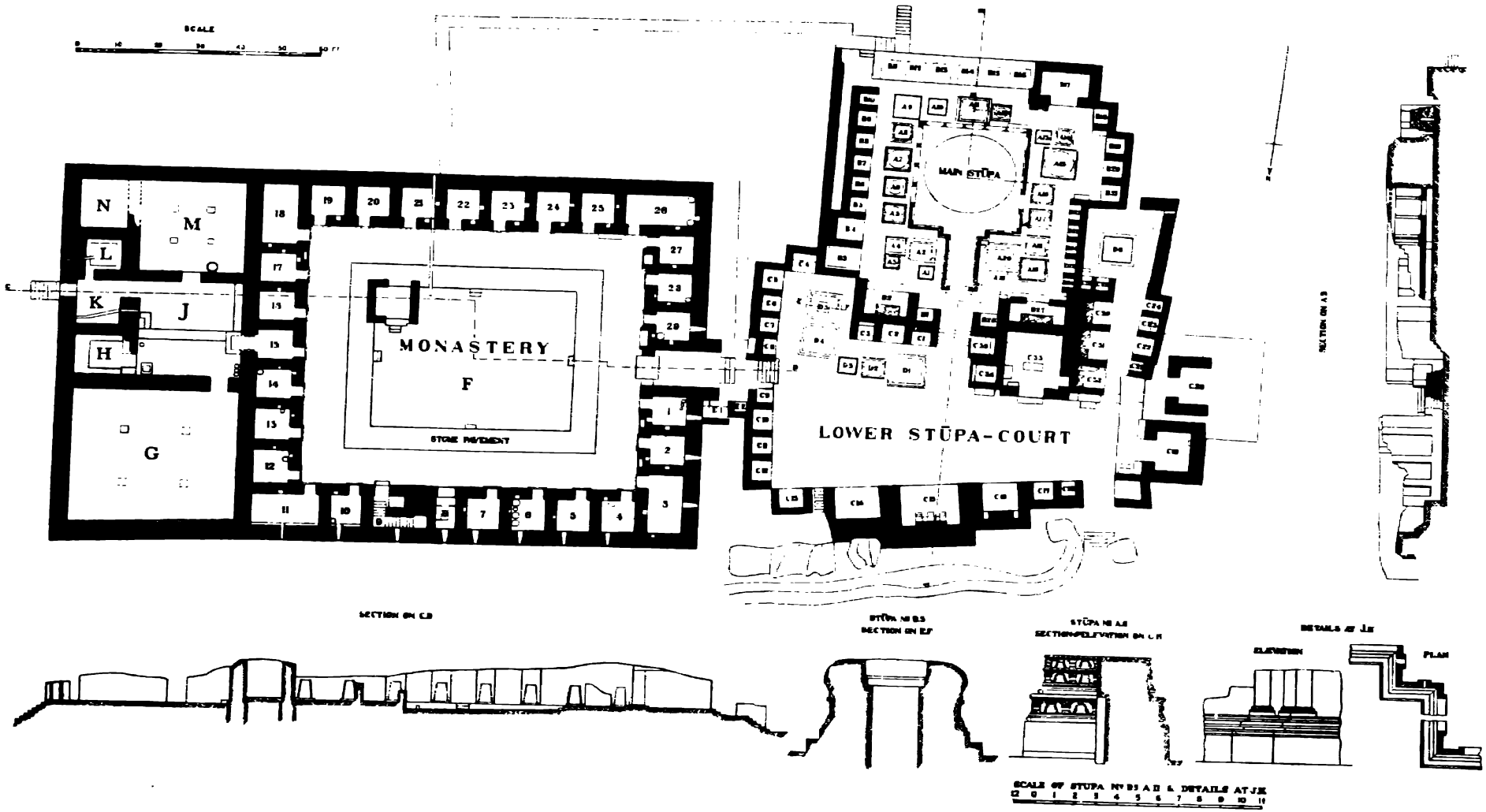


(b) Details of decoration on base of stūpa H in chamber 31.

(c) Stepped entrance to [illegible] monastery [illegible]

(d) Wall [illegible] showing [illegible]

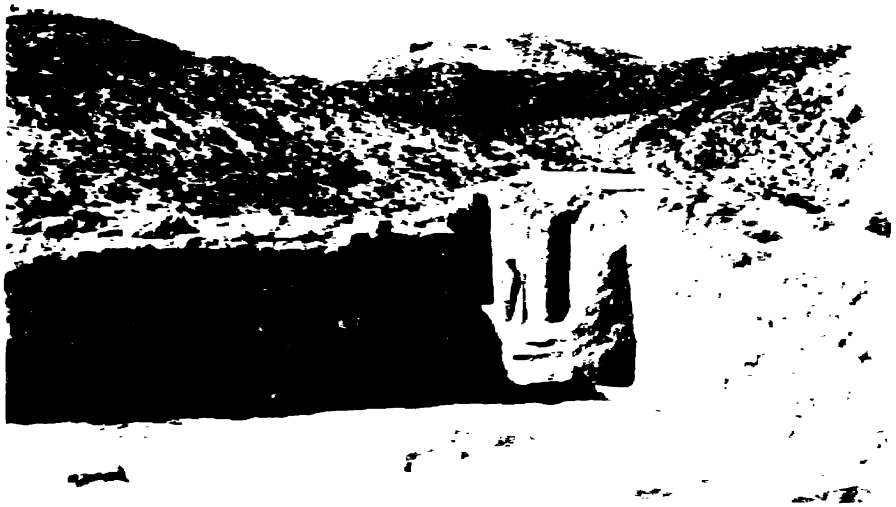
JAULIAN



Plan, sections and details of *saṅghārāma*.

AULIAN

Ou

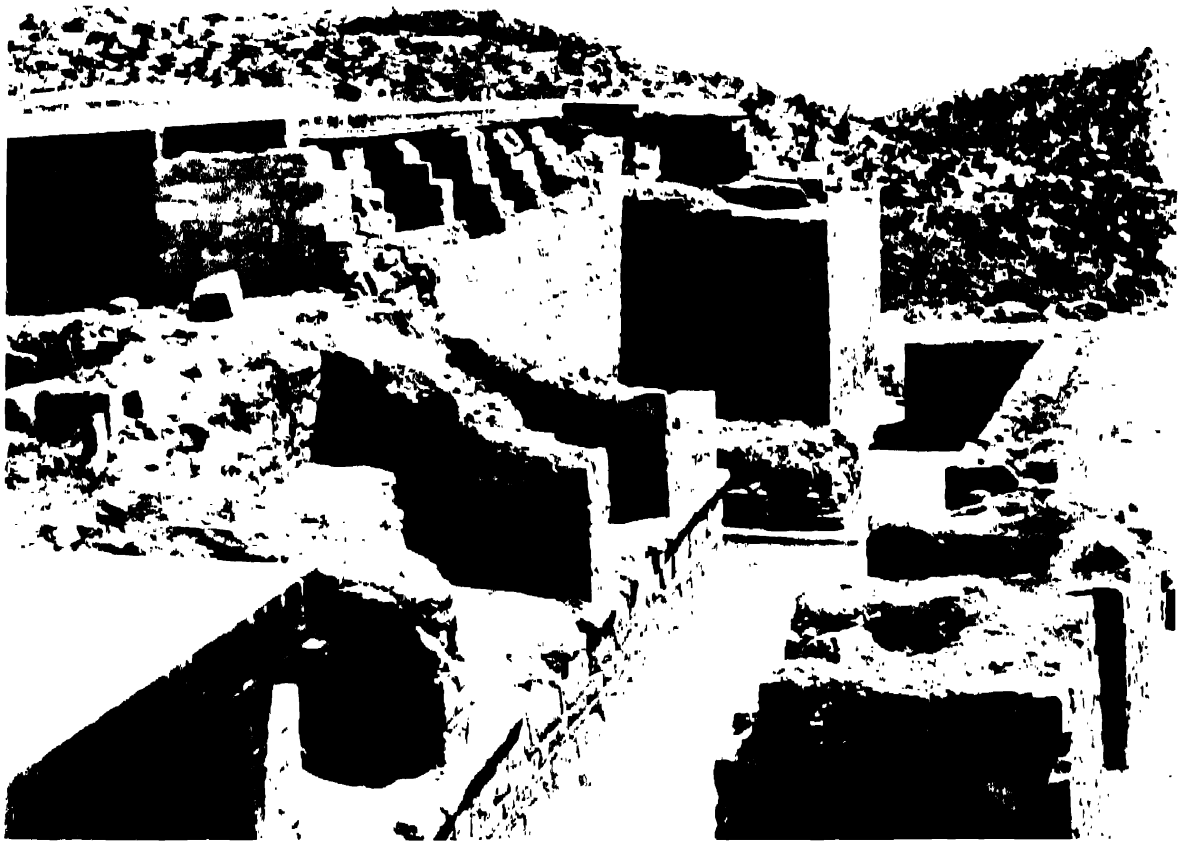


(c) Assembly hall and entrance from court of cells, from north-east.

(d) Retaining wall on south side of refectory, showing earlier diaper masonry and later repairs

JAULIĀN

(*a*) Interior of monastery, showing groups of figures in wall niches on west side of court.



(*b*) Outer stūpa-court on west of site, with stūpa D6 and chapels C 30–32 on left.

JAULIĀN

(*a*) General view of stūpa-courts from north-east.

(*b*) Steps and north-west corner of main stūpa, with smaller stūpas on right (A 20, etc.).

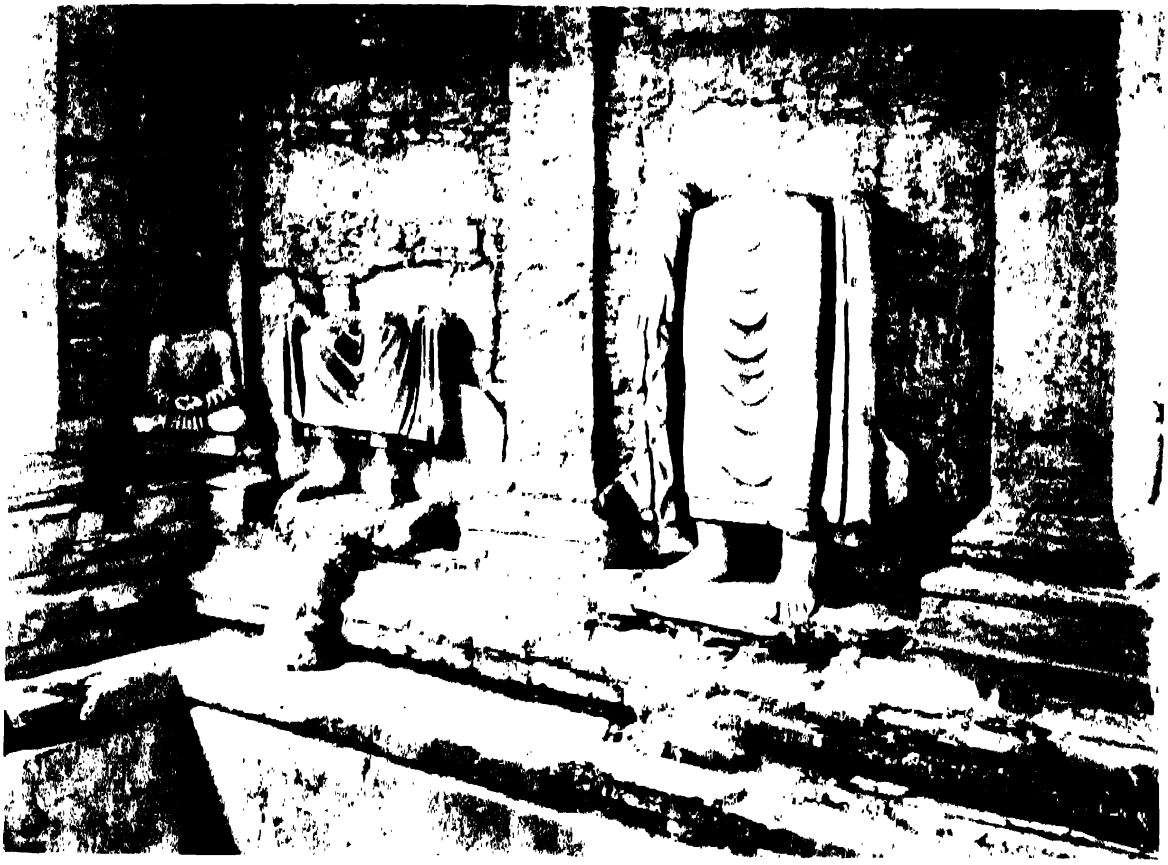
JAULIĀÑ

(a) Remains of stucco reliefs on south side of main stupa, with stupas A 10 and A 11 in foreground.

(b) Colossal head of Buddha lying at south-west corner of main stūpa.

(c) Seated Buddha, with hole at navel, on north face of main stūpa.

JAULIĀN

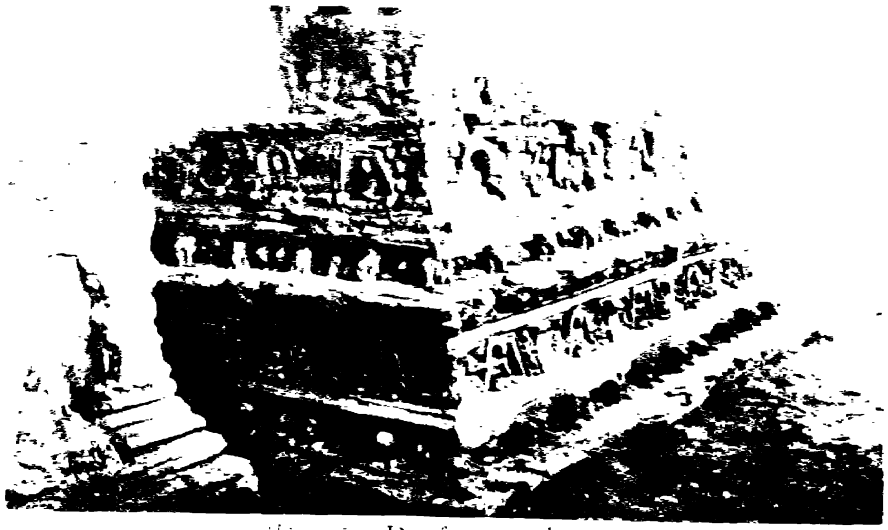


(*a*) Remains of Buddha figures on north face of main stūpa.

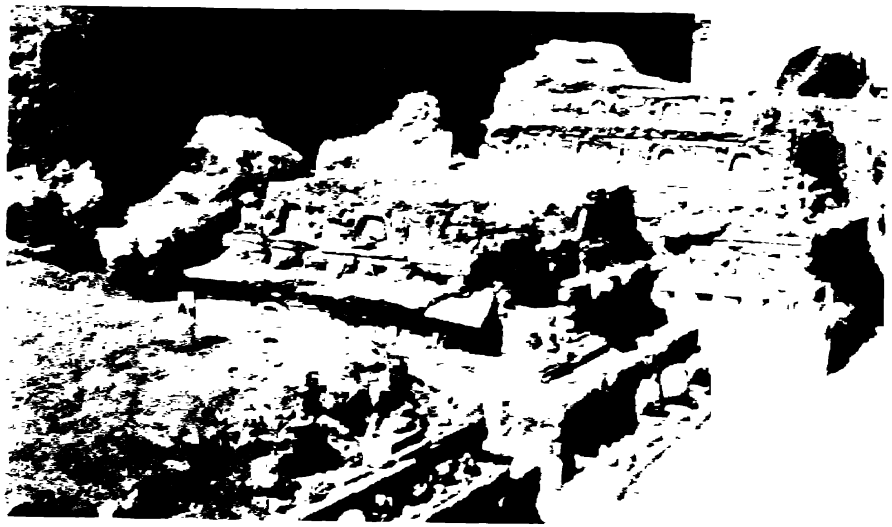
(*b*) Stucco figures in front of chapel C 34, on west side of entrance to main stūpa-court.

JAULIAN

(a) Stūpas D1, D2 and D3, from north-east.



(b) Stūpa D4, from south-e



(c) Stūpas A6, A7 and A8, from south-east.

(d) Throne in front of chapel B17.

(a) East face of main stūpa, with stūpas A 5 and A6 alongside.

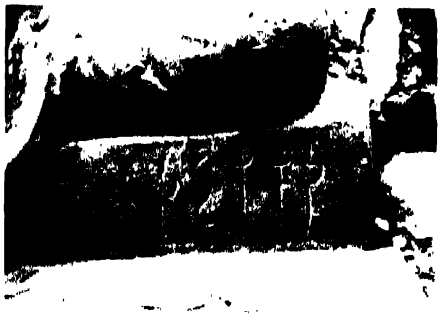
pp

Chapel C

ıdders.

JAULIĀN

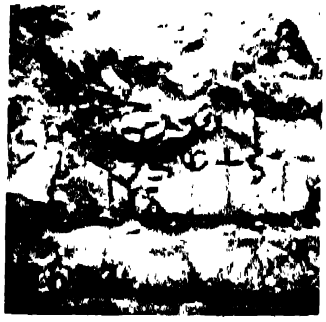
(a)



(b)

(c)

(d)



(e)

(f)

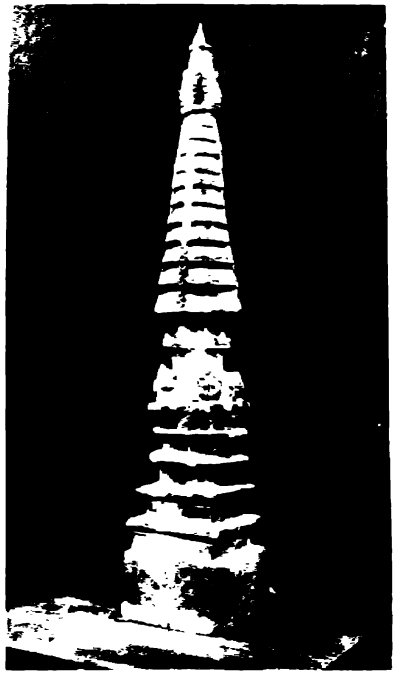
(g)

(a)–(g) Specimens of Kharoshṭhī inscriptions on pedestals of images.

(h) Stucco reliefs at south-east corner of main stūpa.

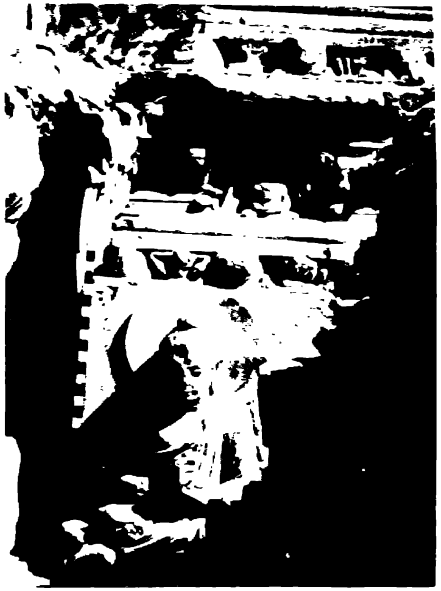
(i) Entrance to monastery from lower stūpa-court, with image chapel E 1 on left.

AULIĀN

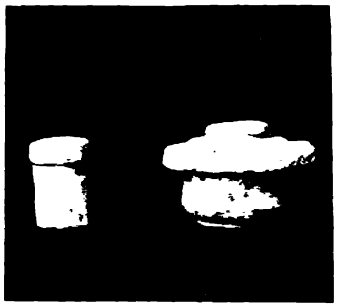


(a) Reliquary in stūpa form from stūpa A 11.

(b) Stone image of Buddha in chapel E 2.



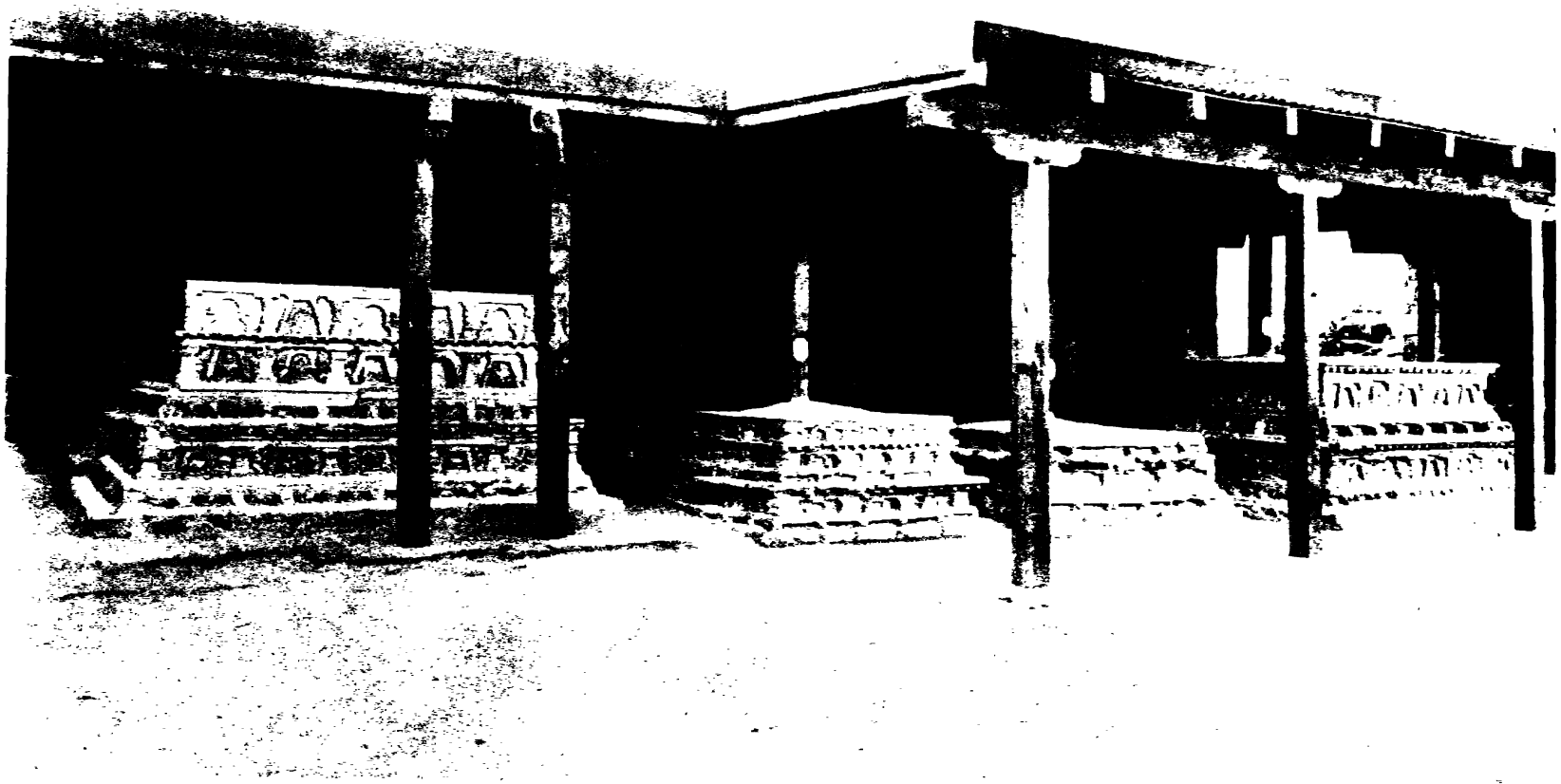
(c) Stucco reliefs on west face of stūpa A 11.



(d) Copper-gilt caskets from inside reliquary (a).

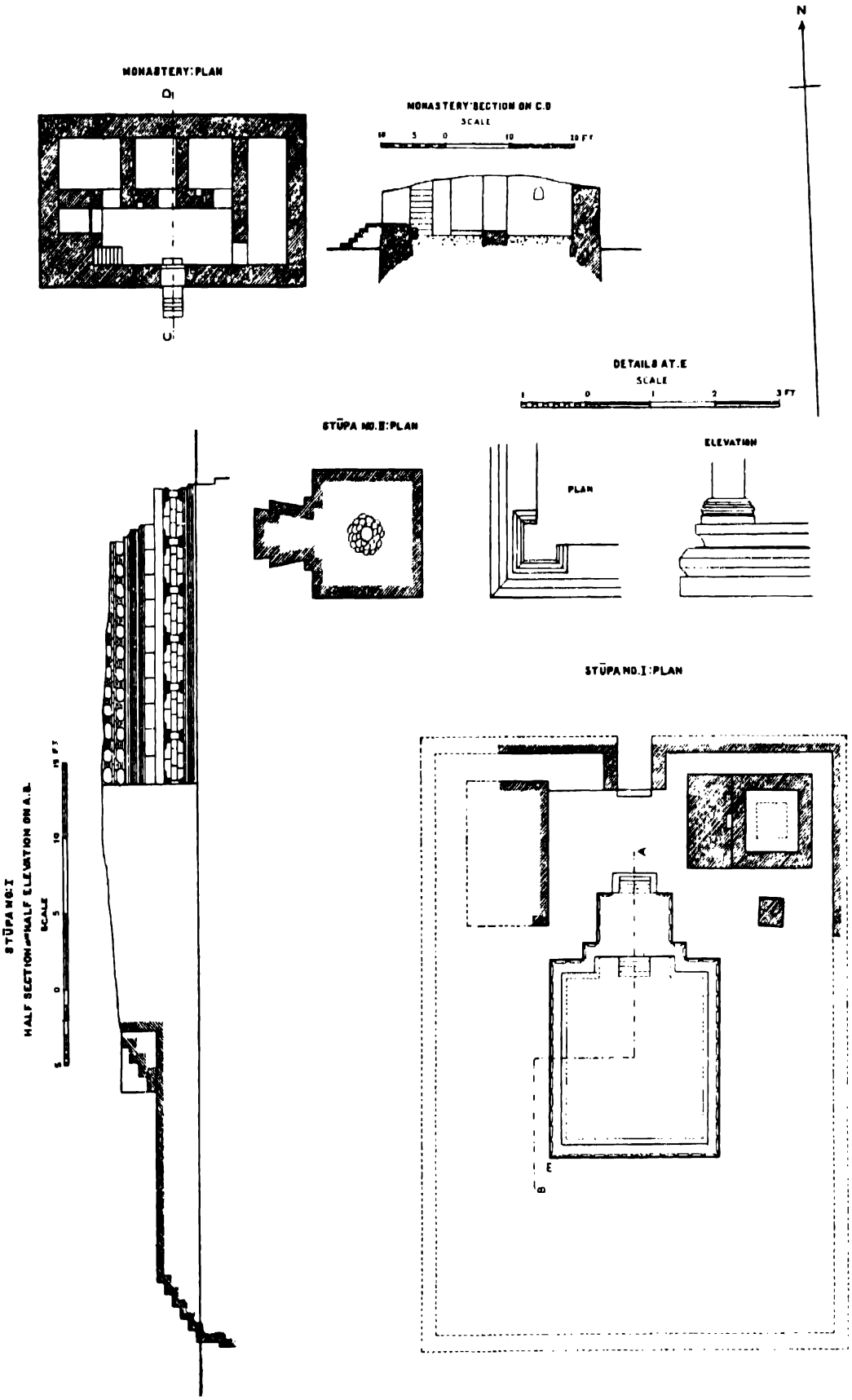
(e) Reliquary casket and coins from stūpa A 16.

(f) Entrance to cell 25, showing construction of sloping jambs.



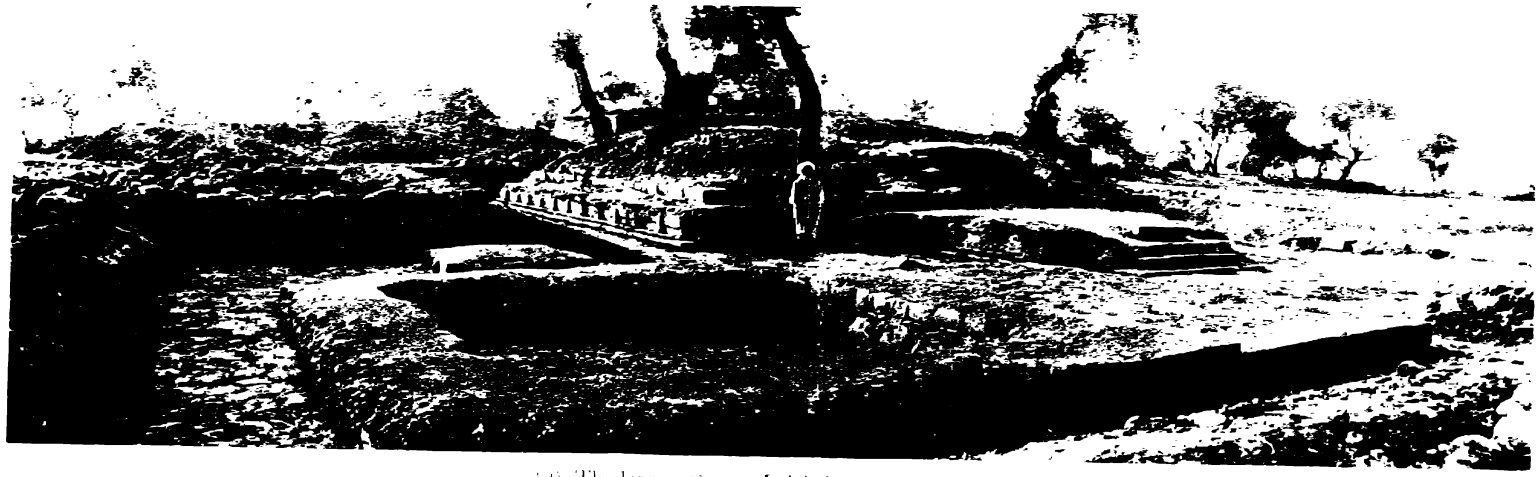
View of stūpas D1–D4, showing character of modern roof protection.

LĀLCHAK



Plans and sections of monastery and stūpas.

LĀLCHAK AND BHAMĀLA

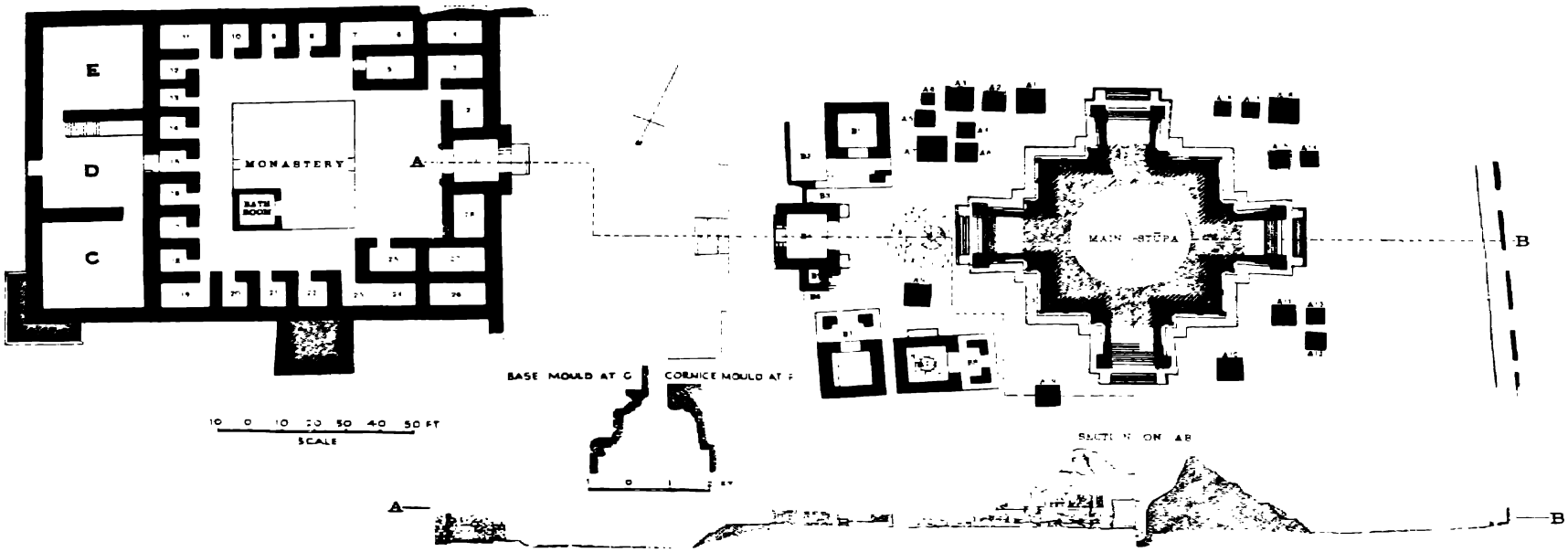


(a) The larger stūpa at Lālchak, from north-east

(b) Interior of Lālchak monastery, from south-east

(c) View of the site at Bhamāla before excavation

BHAMĀLA



Plan and section of *saṅghārāma*.

PLATE 114

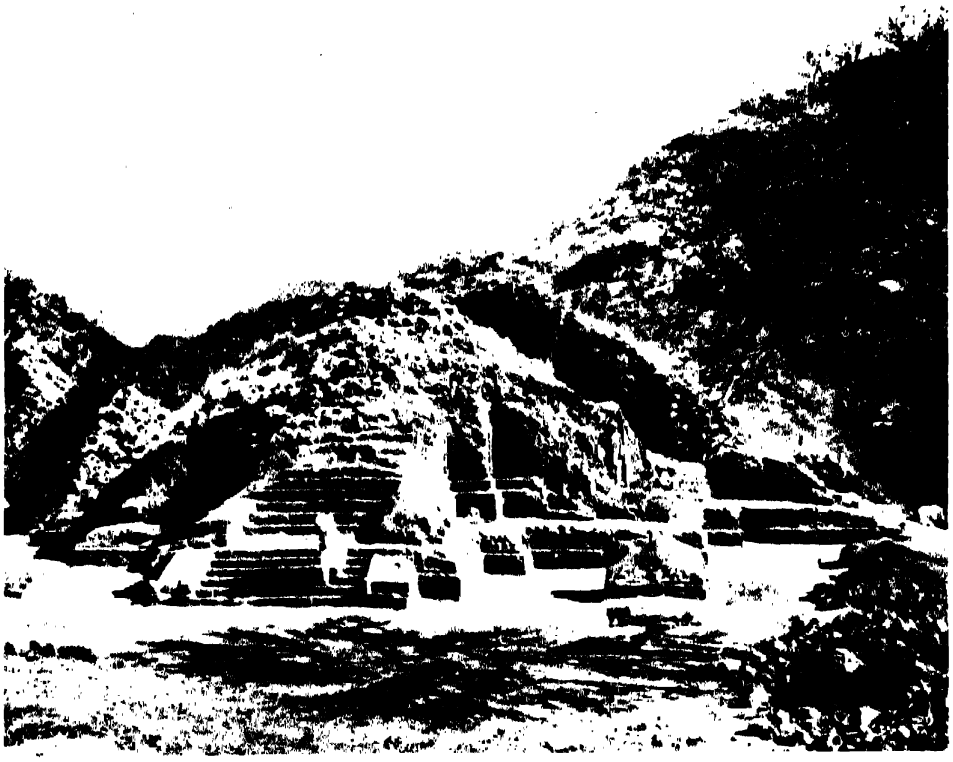
PLATE 115

BHAMĀLA

(*a*) View of hill and terrace, with river in foreground.

(*b*) View of monastery looking east from main stūpa.

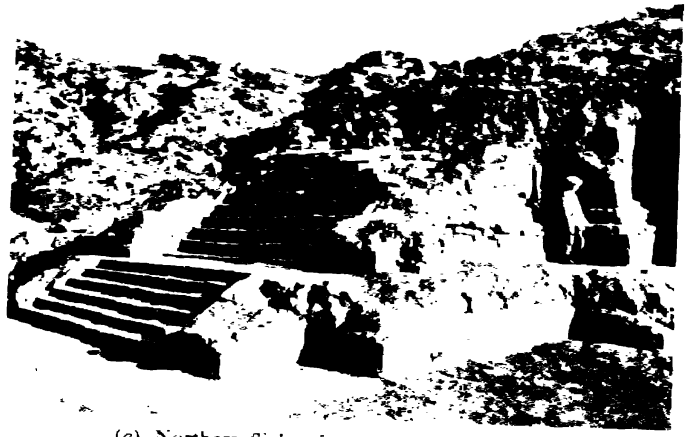
BHAMĀLA



(*a*) Main stūpa, from south-west.

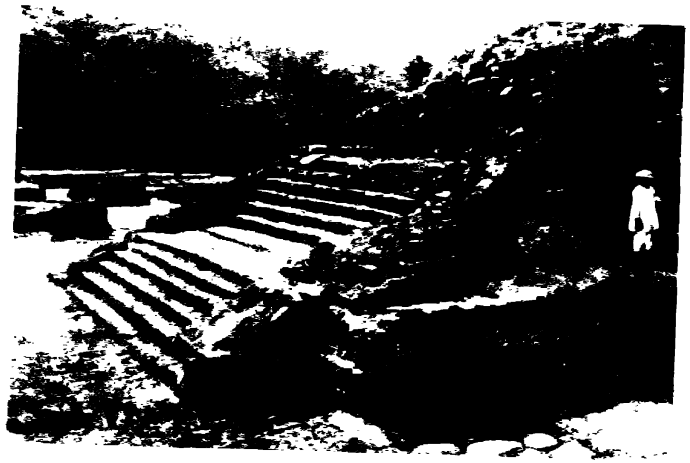
(*b*) Monastery, from west.

BHAMĀLA. Main Stūpa

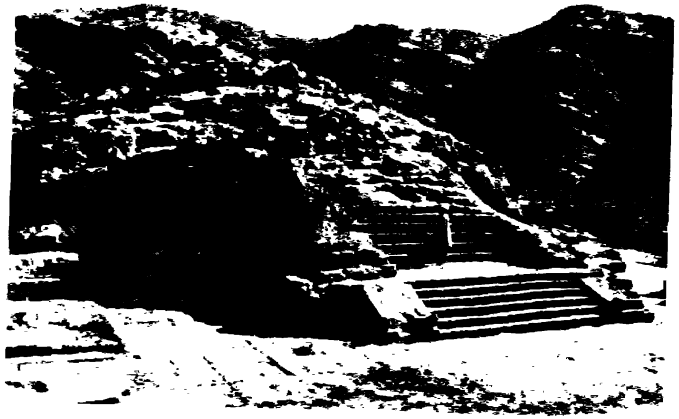


(*a*) Northern flight of steps, from north-west.

(*b*) Northern flight of steps, from east.



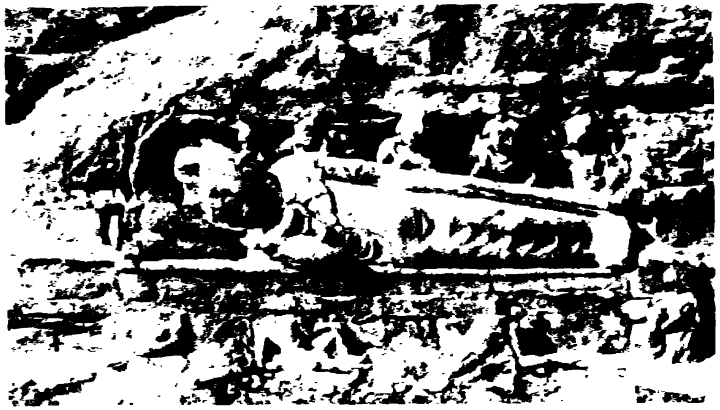
(*c*) Eastern flight of steps.



(*d*) Western flight of steps.

BHAMĀLA

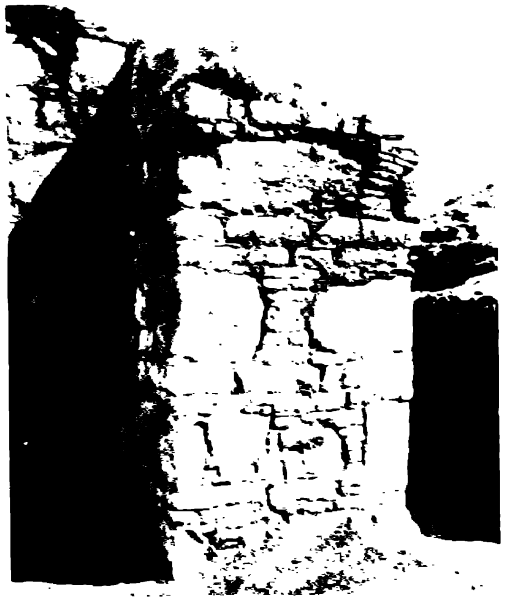
(*a*) South-east corner, showing *parinirvāṇa* relief, from east.



(*b*) Close-up of *parinirvāṇa* relief.

(*c*) West face of stūpa, south-west corner.

(*d*) Doorway of cell 6–7 in monastery, showing construction of sloping jambs.



(*e*) Projection on north side of monastery porch.

BHAMĀLA

(*a*) *Dharmacakra* design in tiled pavement in front of western steps of main stūp

(*b*) Pavement of patterned tiles in front of chapel B5.

BHAMĀL

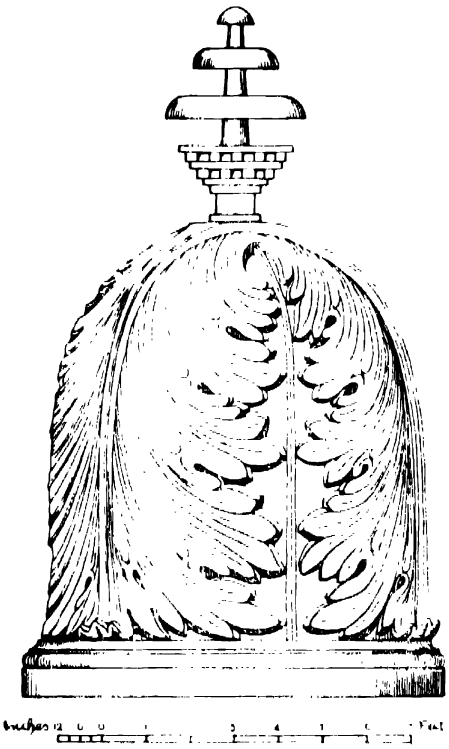
(a) Small stūpa A 1, from north-east.

(b) Small stūpa A 2, from east.

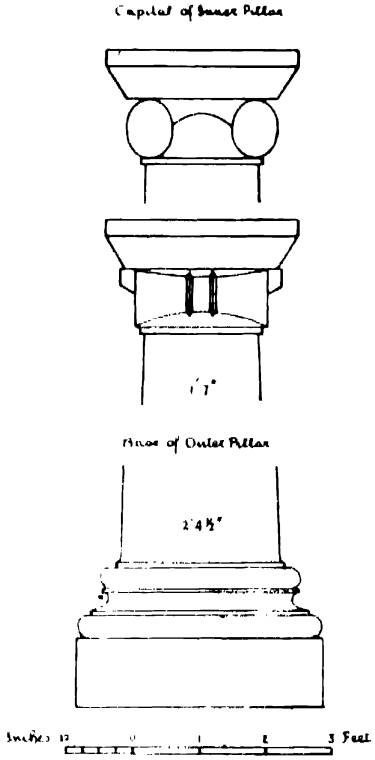
PLATE 120 A

SIRKAP AND MOHṚĀ MALIĀRĀÑ

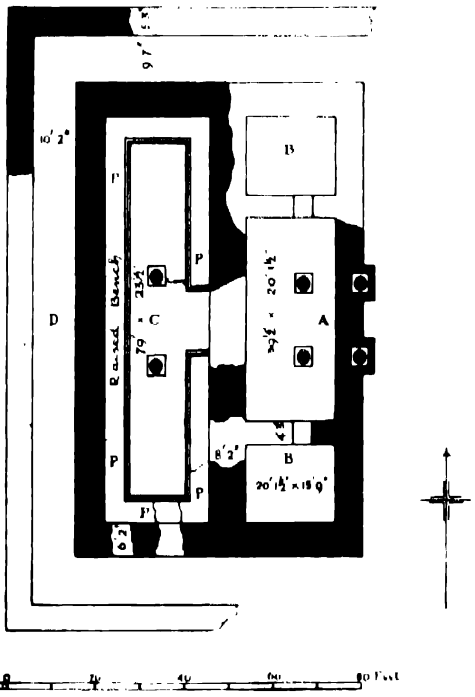
STŪPA IN BLOCK E, SIRKAP

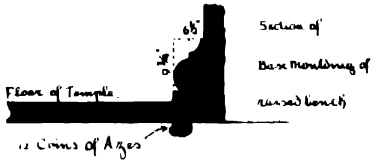


SHRINE A, MOHṚĀ MALIĀRĀÑ

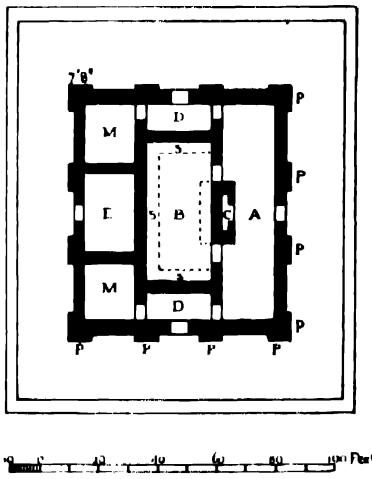


SHRINE A, MOHṚA MALIĀRĀÑ

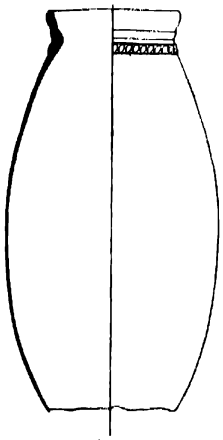


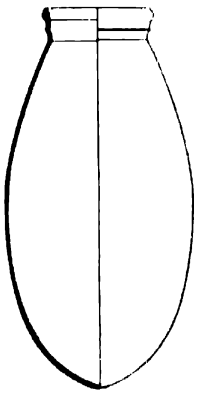


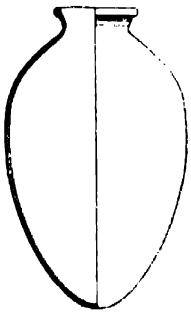
SHRINE B, MOHṚĀ MALIĀRĀÑ

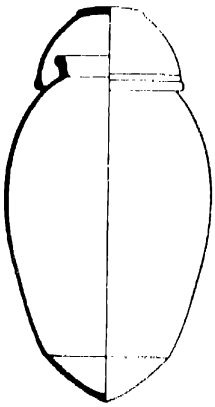


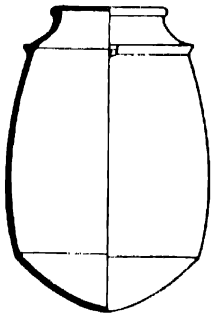
POTTERY

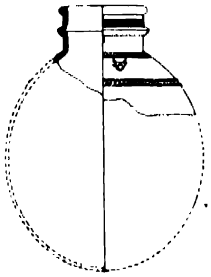

No. 1

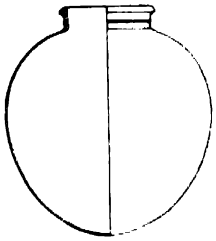

No. 2


No 3

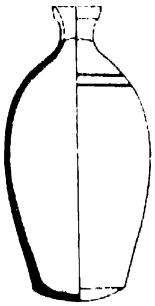

No. 4

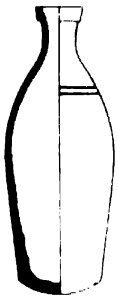

No. 5

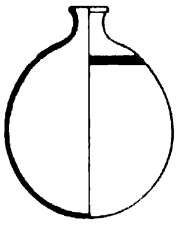

No 6

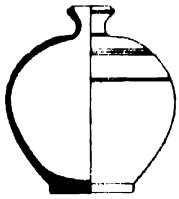

No 7

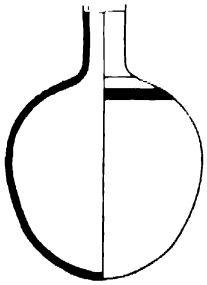
No 8

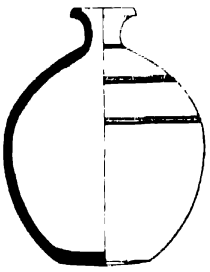

No 9

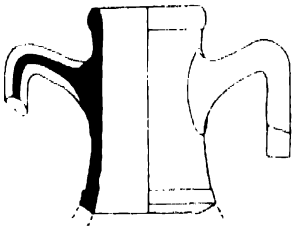

No 10

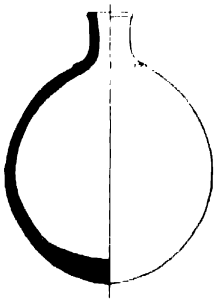

No. 11

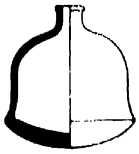

No 17


No. 12

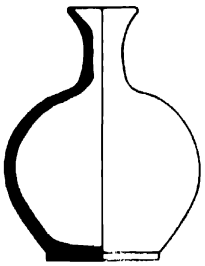

No. 13

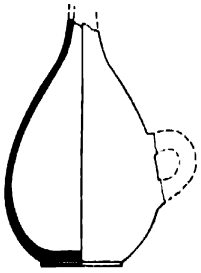

No 15

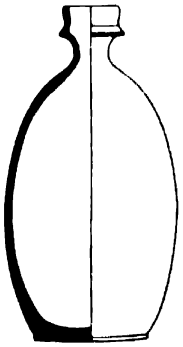

No. 16

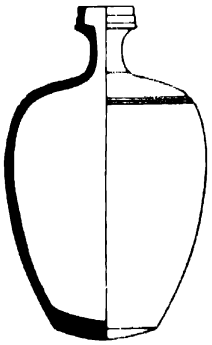

No. 22

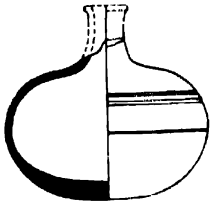
No. 23

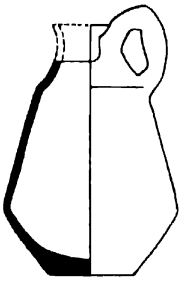

No. 18

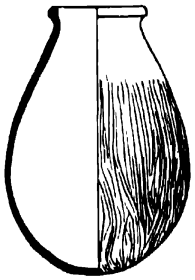

No. 19

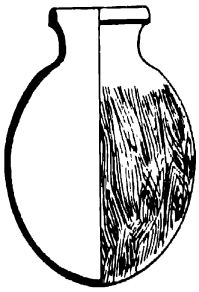

No. 20

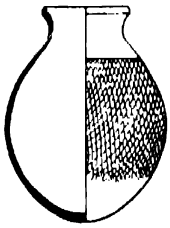

No. 21

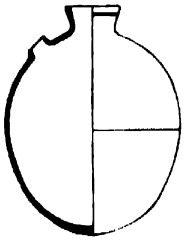

No. 25


No. 24

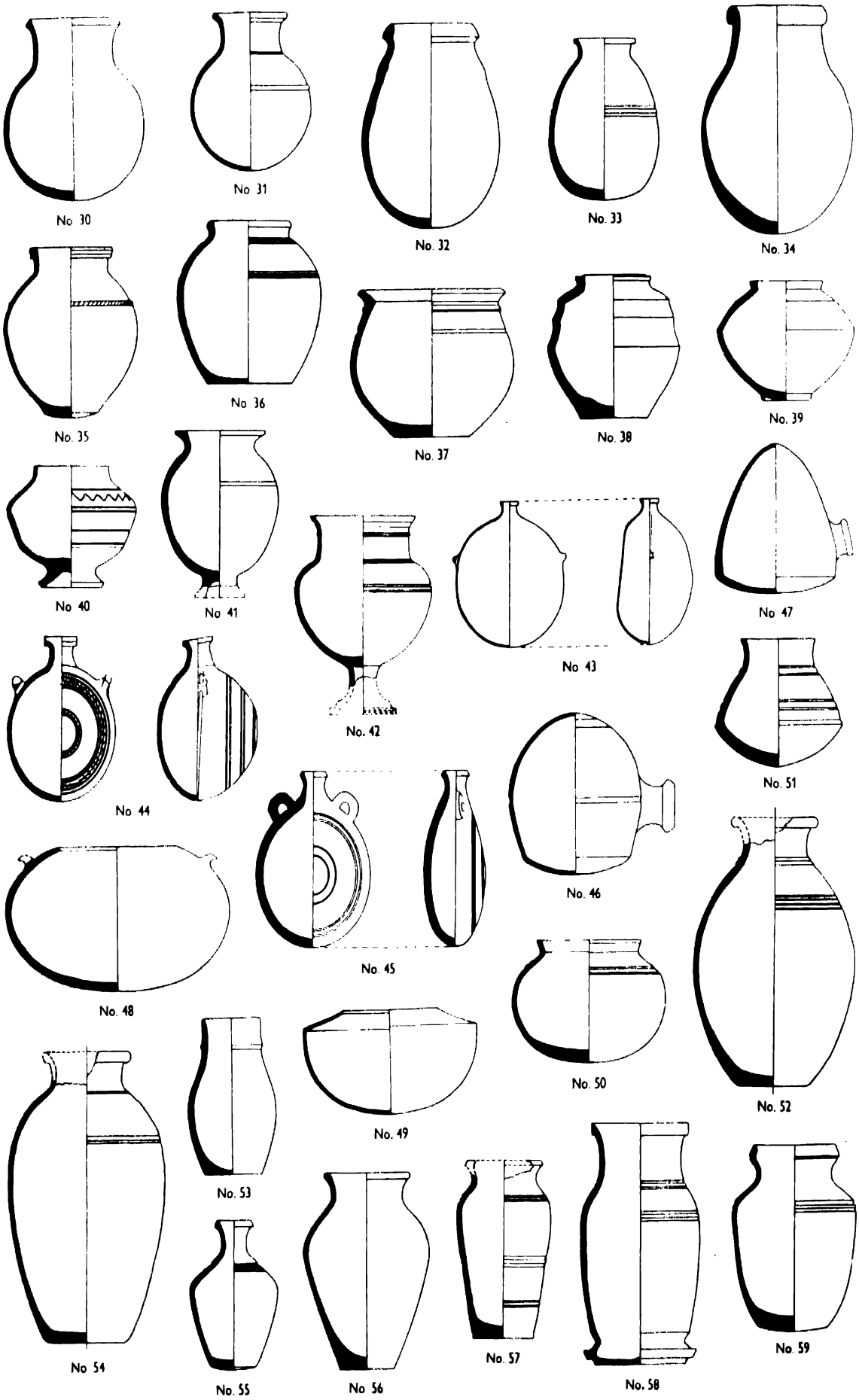

No. 26

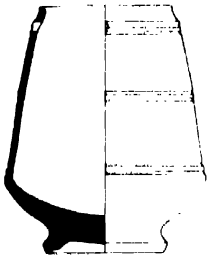

No. 27

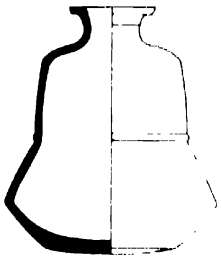

No 28

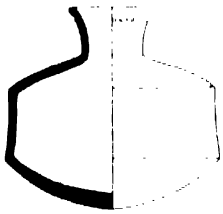

No. 29

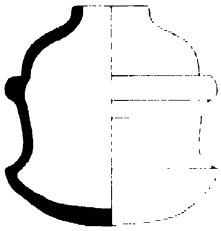
POTTERY

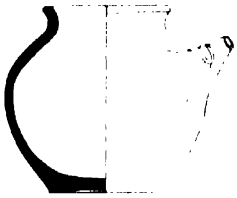

No 30
No 31
No. 32
No. 33
No. 34
No. 35
No 36
No. 37
No. 38
No. 39
No 40
No 41
No. 42
No 43
No 47
No 44
No. 51
No. 46
No. 45
No. 48
No. 50
No. 52
No. 49
No. 53
No 54
No. 55
No 56
No. 57
No. 58
No. 59

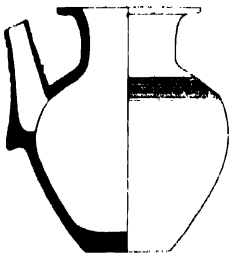

No 60

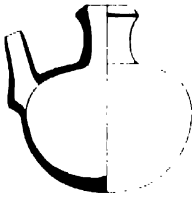

No 61

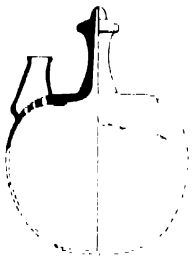

No 62


No. 63

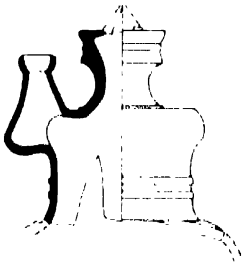

No 64 a

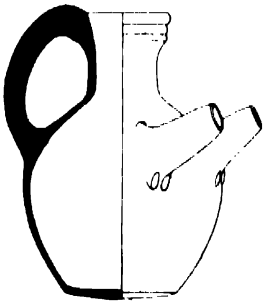

No 64 b

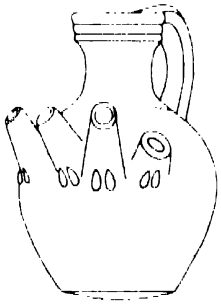

No. 65


No 66

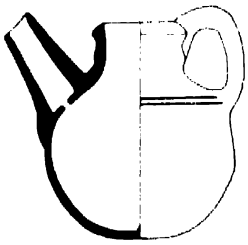
No 67

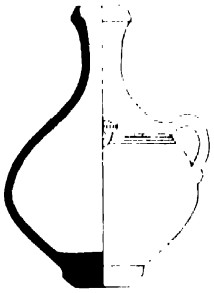

No 68

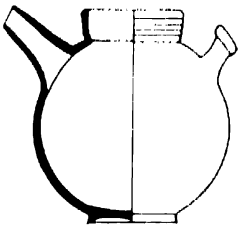

No 71

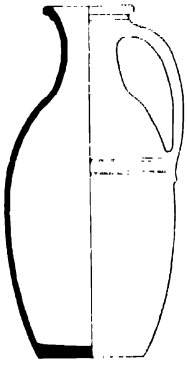


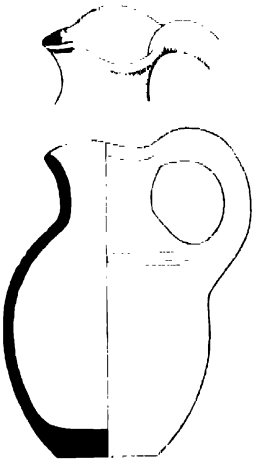
No 69

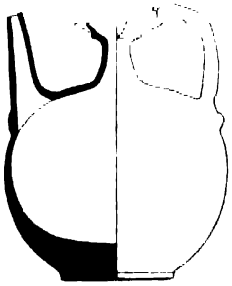

No 70

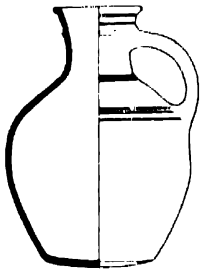

No 73

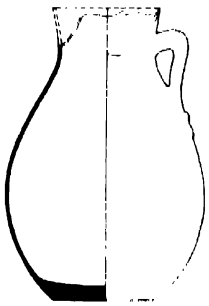

No 74

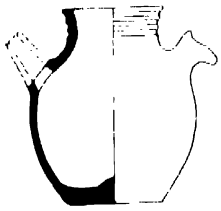

No 78

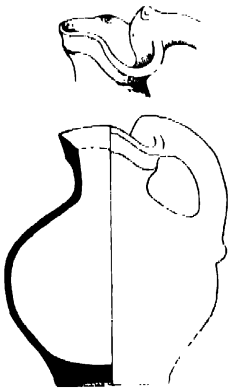

No 79

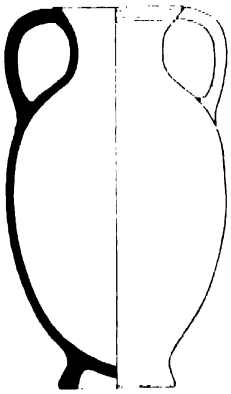

No. 72

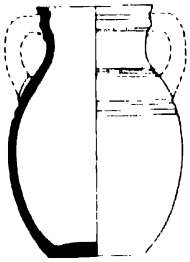

No 76

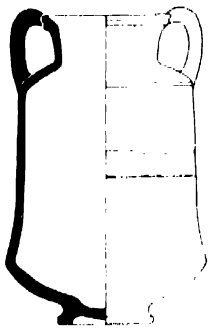

No 77

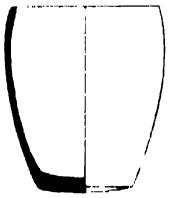

No 75


No 80

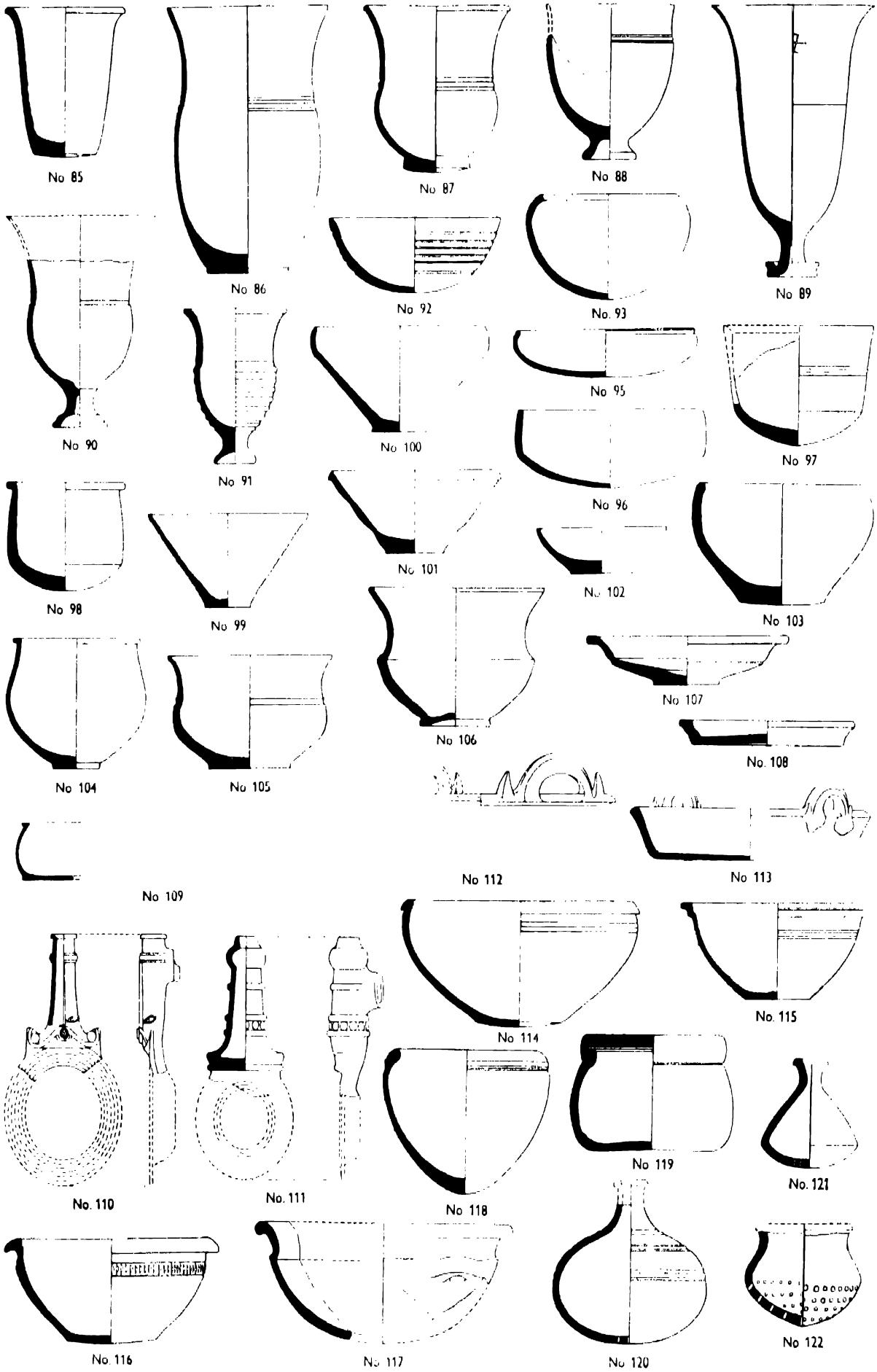

No 81

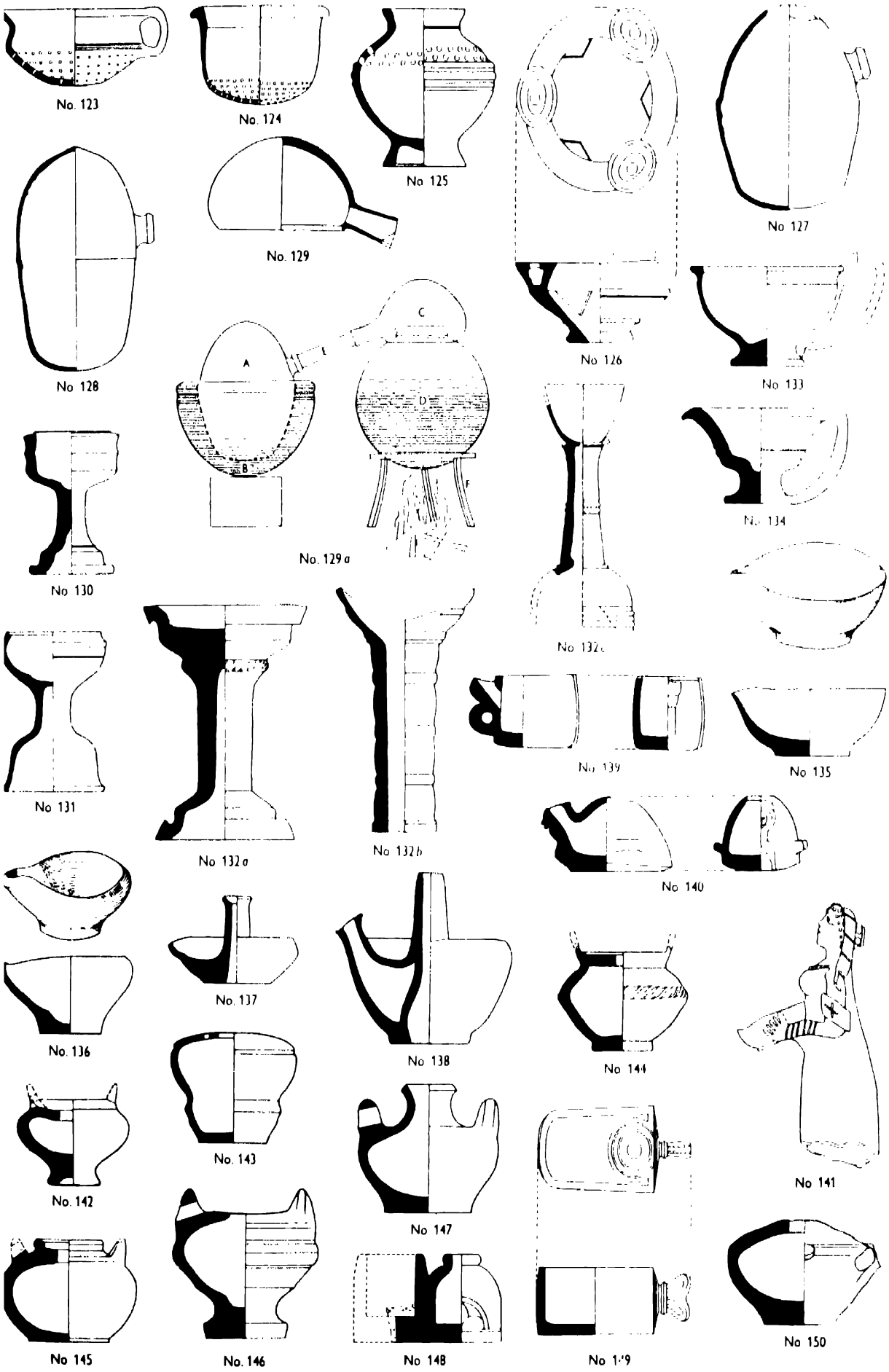

No 82


No 83

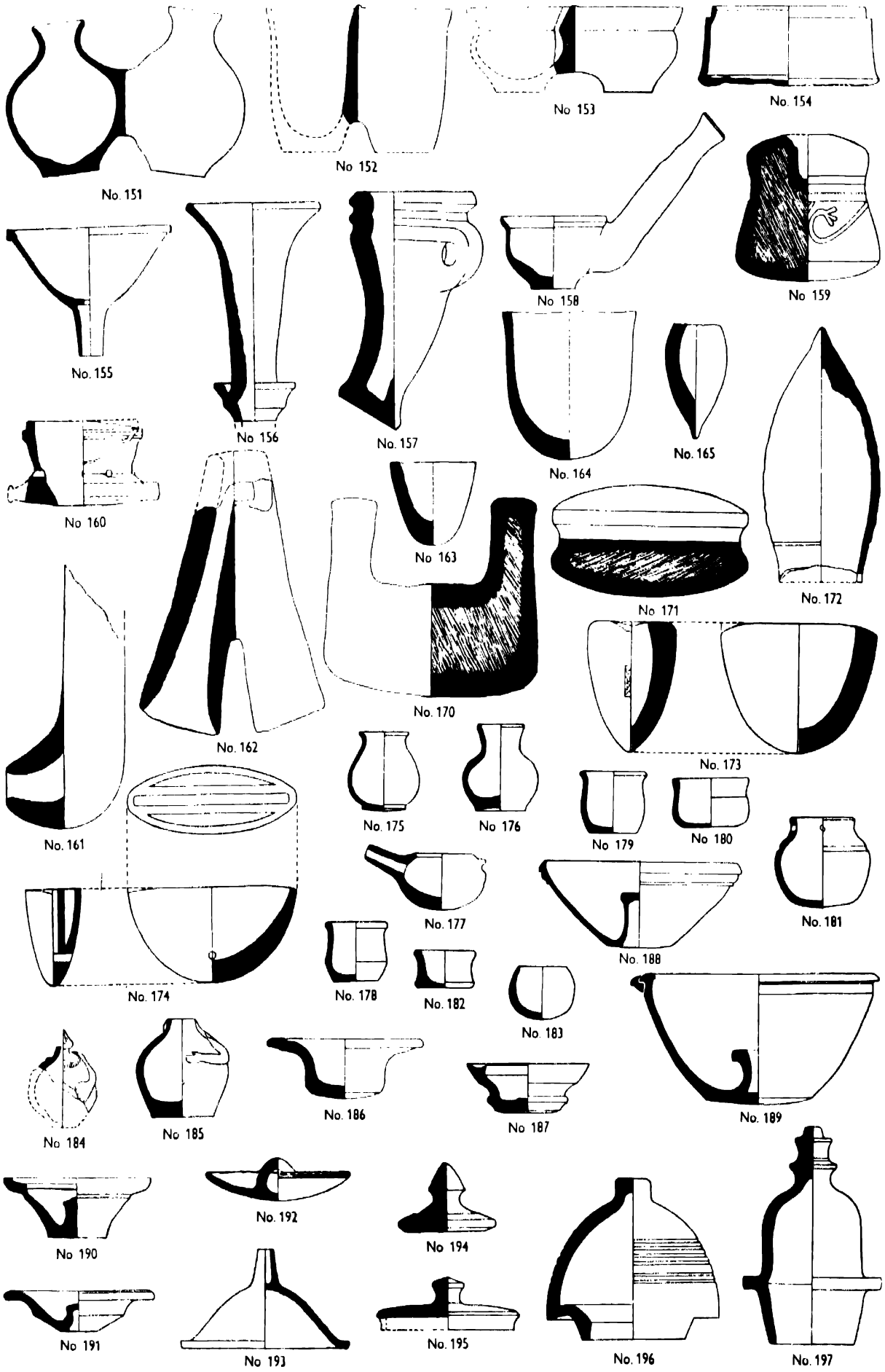

No 84

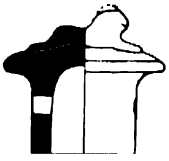
POTTERY

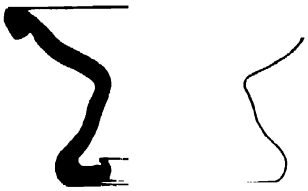

No 85
No 86
No 87
No 88
No 89
No 90
No 91
No 92
No. 93
No 95
No 96
No 97
No 98
No 99
No 100
No 101
No 102
No 103
No 104
No 105
No 106
No 107
No. 108
No 109
No 112
No 113
No. 110
No. 111
No 114
No. 115
No 118
No 119
No. 121
No. 116
No 117
No 120
No 122

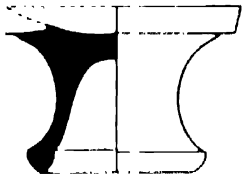

No. 123
No. 124
No 125
No 127
No. 129
No 128
No 126
No 133
No 130
No. 129 a
No 134
No 132c
No 131
No 132 a
No 132 b
No 139
No 135
No 140
No. 136
No. 137
No 138
No 144
No 141
No. 142
No. 143
No 147
No 145
No. 146
No 148
No 149
No 150

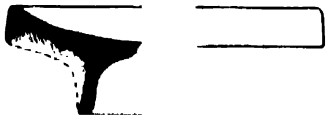
POTTERY

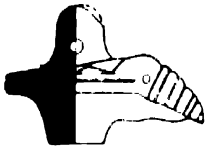

No. 151
No 152
No 153
No. 154
No. 155
No 156
No. 157
No 158
No 159
No 160
No. 161
No. 162
No 163
No. 164
No. 165
No. 170
No 171
No. 172
No. 173
No. 174
No. 175
No 176
No 177
No 178
No 179
No 180
No. 181
No. 182
No 183
No. 184
No 185
No. 186
No 187
No. 188
No. 189
No 190
No 191
No 192
No 193
No 194
No. 195
No. 196
No. 197

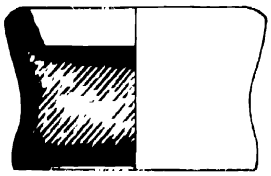

No 200


No 203

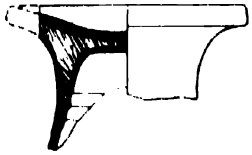

No 204 a

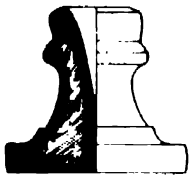

No 204 b

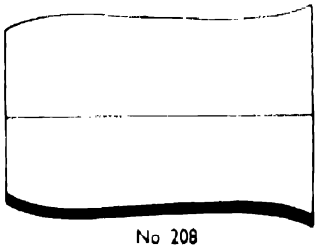

No 201

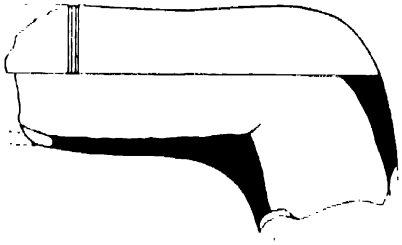

No 205

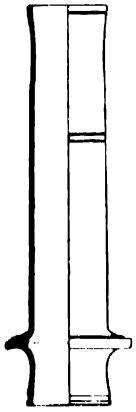
No 206

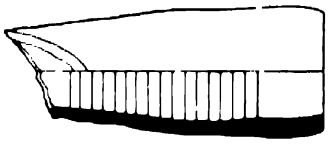

No 204 c

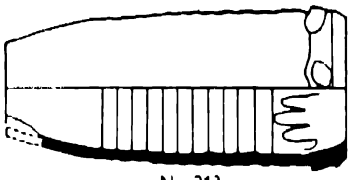

No 207


No 208


No 209

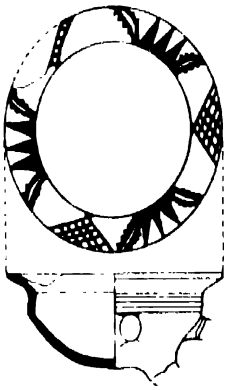

No. 210

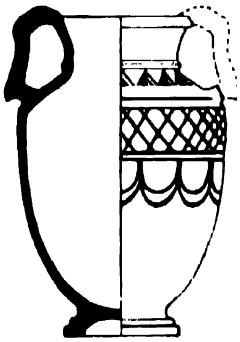

No 212

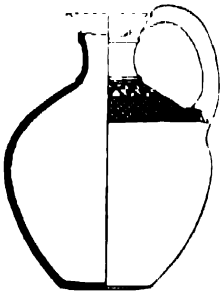

Nc 213

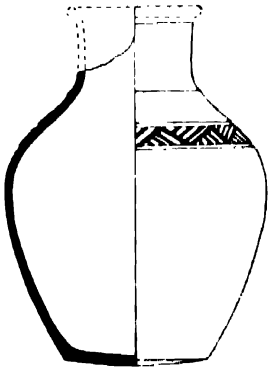
No 211

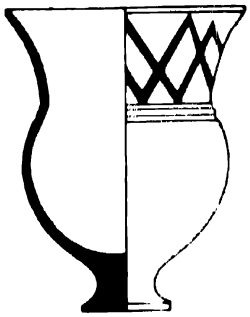
No 214

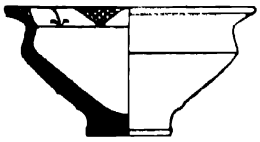

No 219

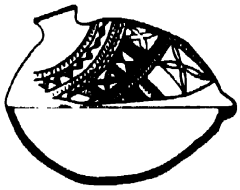

No. 221

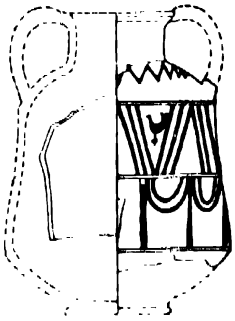

No. 216

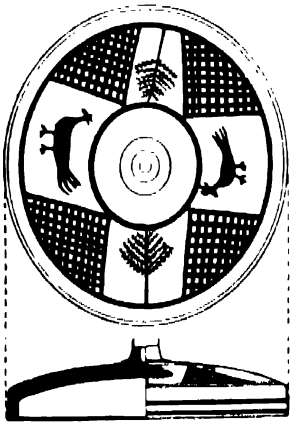

No 217

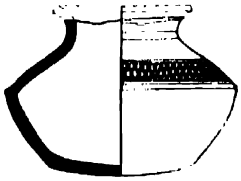

No 220

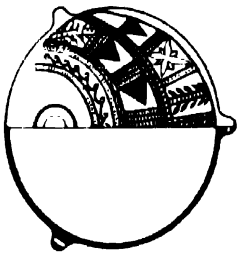

No 218




No 222

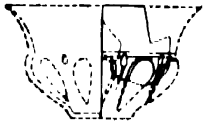

No 223

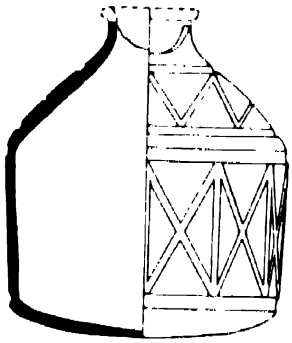

No 224

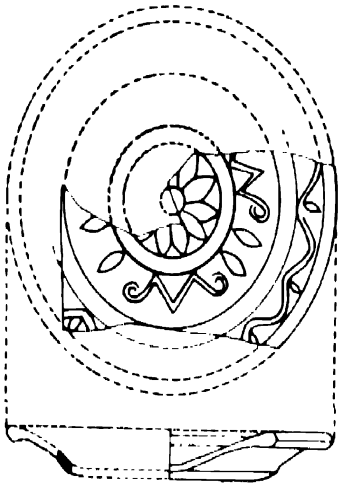

No. 225

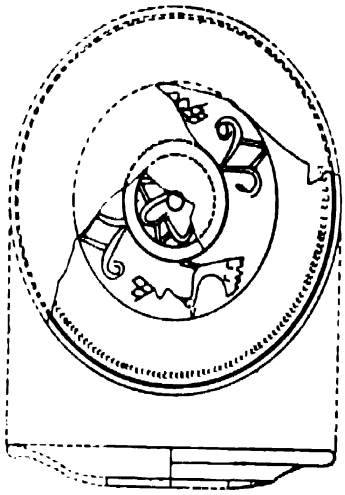
POTTERY

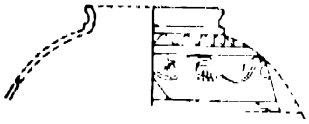
No 227

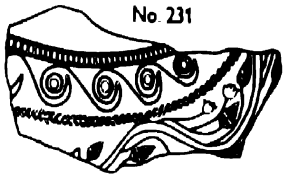

No 228

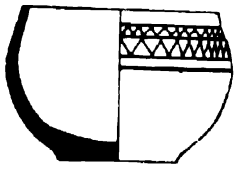

No 229

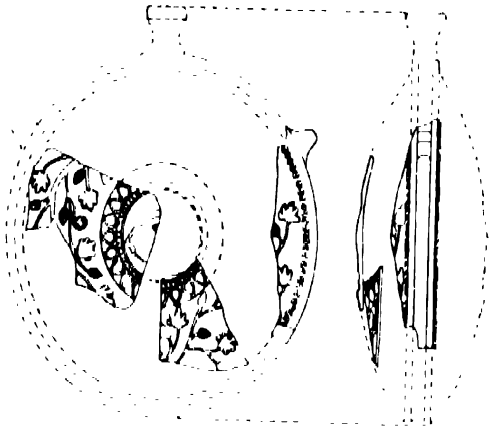

No 230

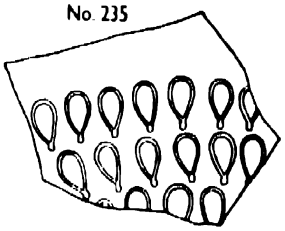

No. 231

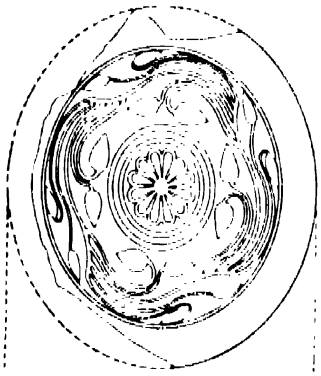

No 232

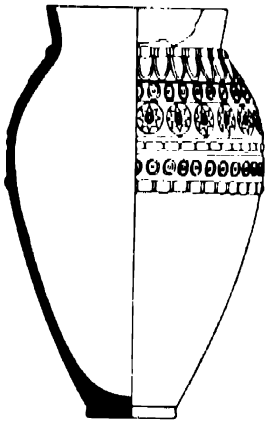

No. 235


No 233

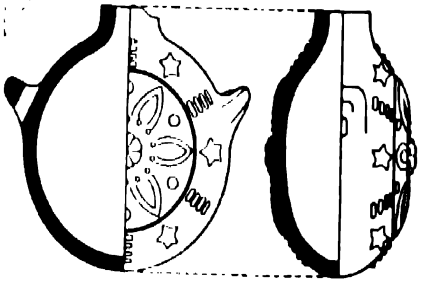

No 234


No. 236

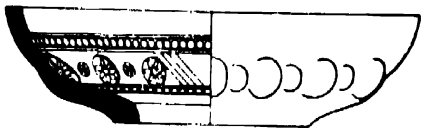

No 237


No 238

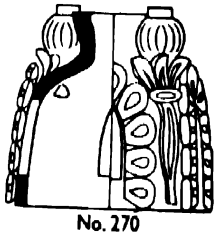
No. 240

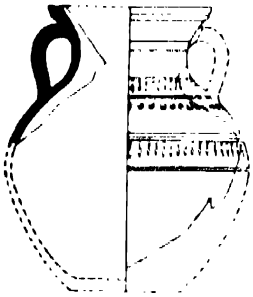

No. 243

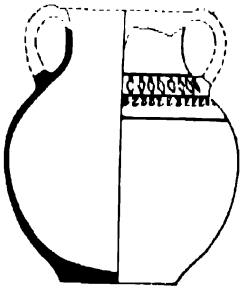
No 239

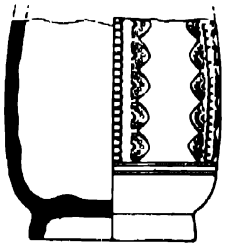

No. 245

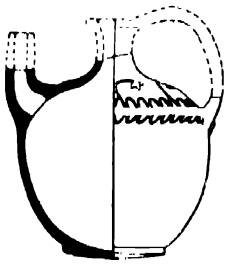
No. 247

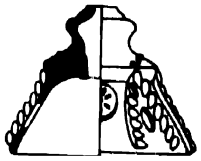

No. 270


No 248


No 249


No 250


No. 251


No. 271

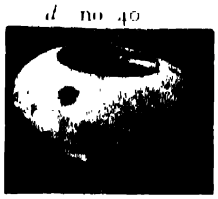
POTTERY

a – no. 14

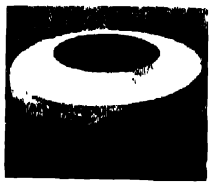
b – no. 20

c – no. 27

d – no. 40



i – no. 48



e – no. 49

f – no. 61

g – no. 70

h – no. 71

j – no. 83

k – no. 72

l – no. 78

m – no. 80

n – no. 84

o – no. 91

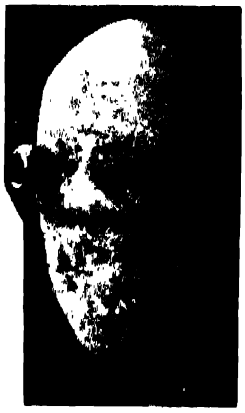
p – no. 86

q – no. 89

r – no. 95

s – no. 159

t – no. 167



u – no. 128

v – no. 141

w – no. 169

x – no. 168

y – no. 174

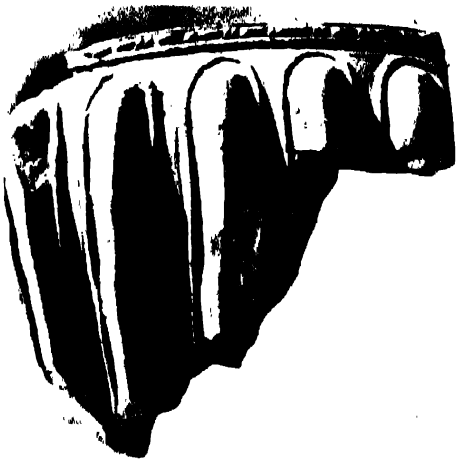
POTTERY

a = no. 198

b = no. 199

c = no. 216

d = no. 221

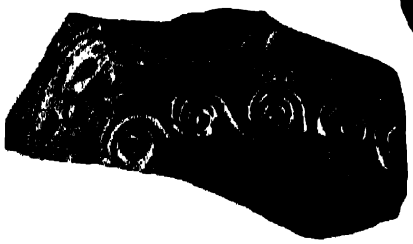


e = no. 226, *a*

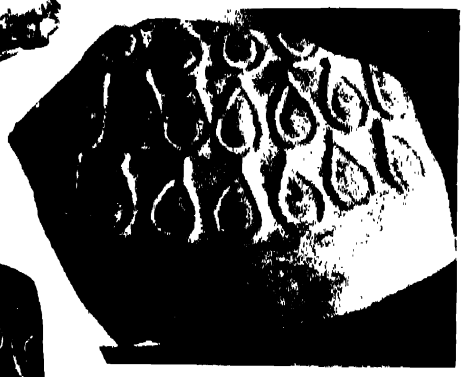
f = no. 226, *b*

g = no. 228

h = no. 234



i = no. 235



j = no. 236

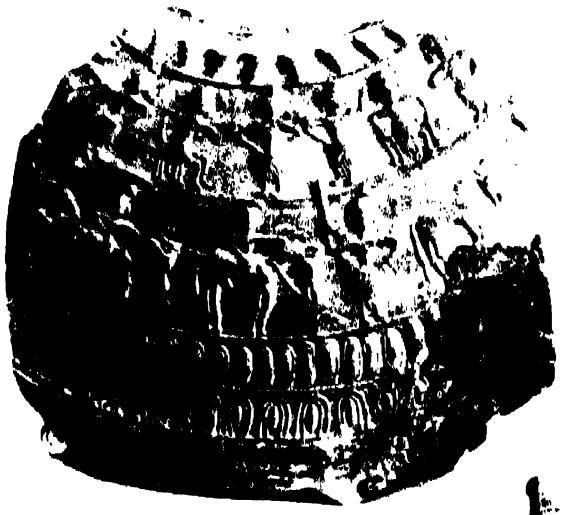
k = no. 237

l = no. 239

m = no. 238

POTTERY

a = no. 240



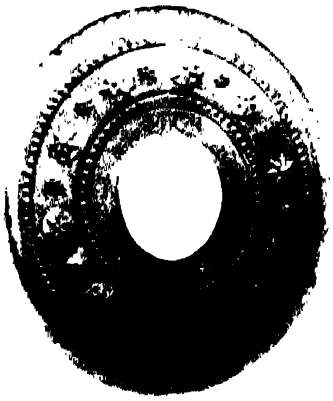
b = no. 241

c = no. 242

d = no. 243

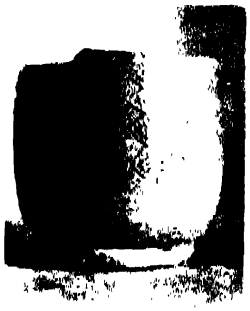
g = no. 246

e = no. 244



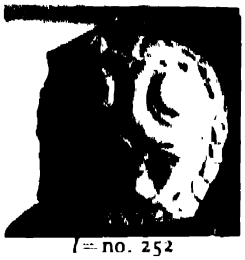
f = no. 245

j = no. 258



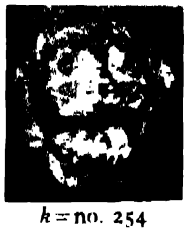
h = no. 250

i = no. 249



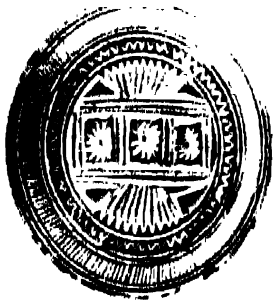
l = no. 252

m = no. 253



k = no. 254

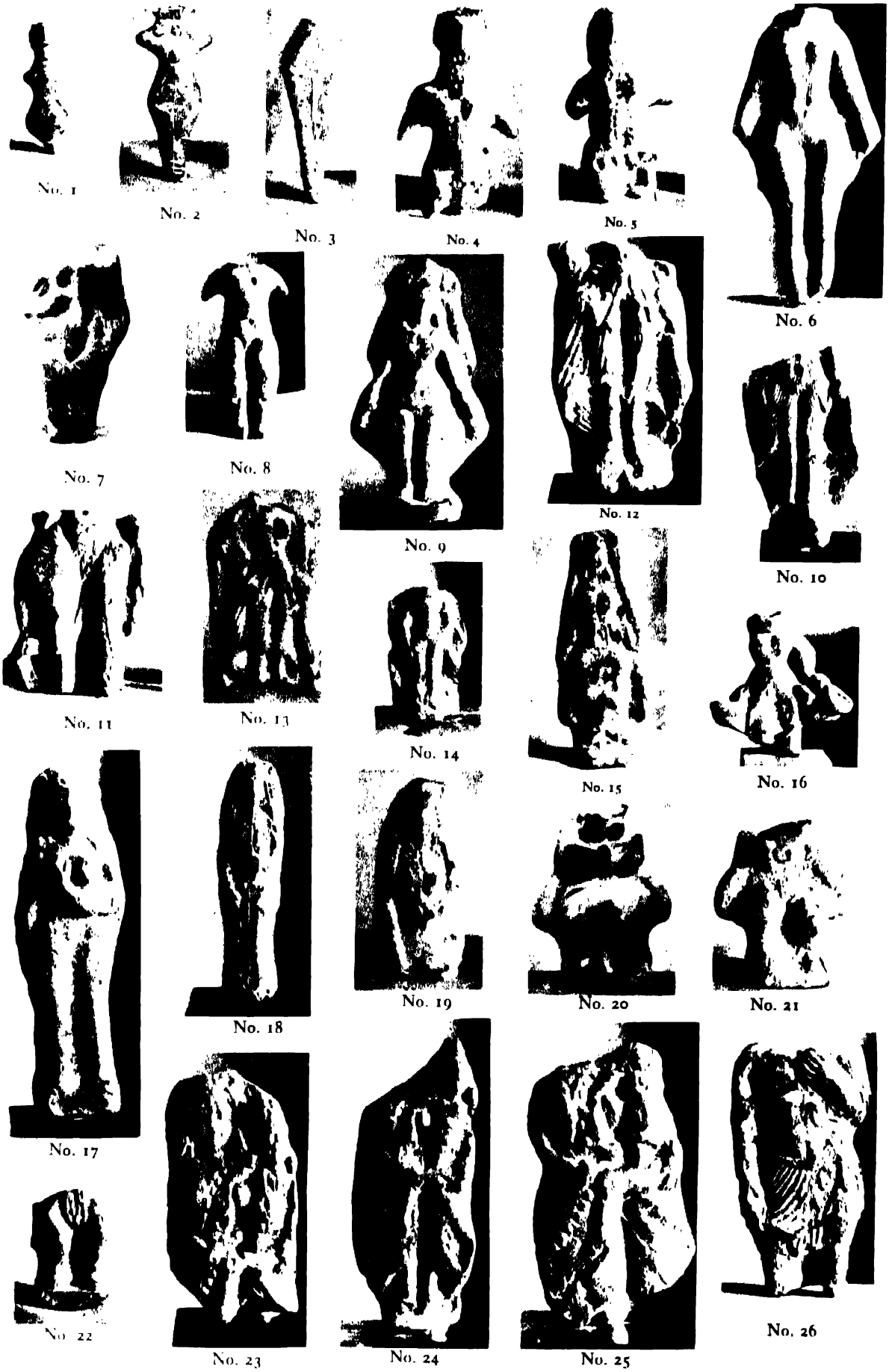
n = no. 255



o = no. 269

p = no. 273

TERRA-COTTAS



TERRA-COTTAS

No. 27

No. 28

No. 29

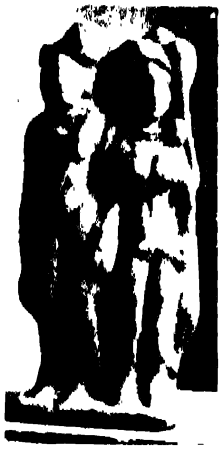
No. 30

No. 31

No. 32

No. 33

No. 34


No. 35

No. 35, *a*

No. 37

No. 38

No. 39

No. 40

No. 41

No. 42

No. 43

No. 44

No. 44, *a*

No. 45

No. 46

No. 47

No. 48

No. 49

No. 49, *a*

No. 50

PLATE 134

TERRA-COTTAS

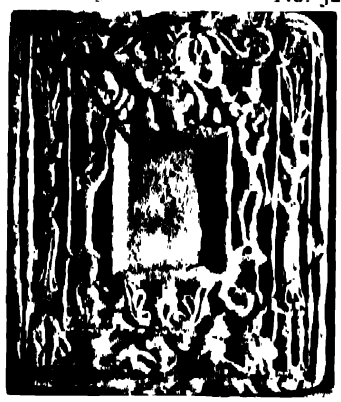
No. 51

No. 52

No. 53

No. 55

No. 54



No. 56

No. 57

No. 58

No. 60

No. 65

No. 62

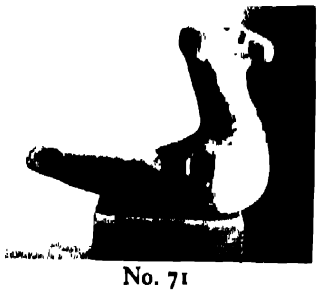
No. 64

No. 67

No. 68

No. 69

No. 70



No. 71

No. 72

No. 82

No. 75

No. 77

No. 78

TERRA-COTTAS

PLATE 136

TERRA-COTTAS

a = no. 137

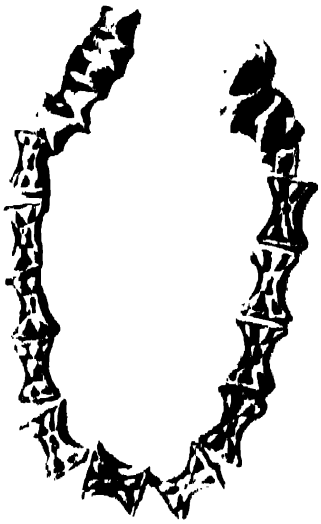
b = no. 138, *a*

c = no. 141

d = no. 144 *e* = no. 143

f = no. 145

g = no. 140



o = nos. 144, 145

h = no. 138, *b*

i = no. 139

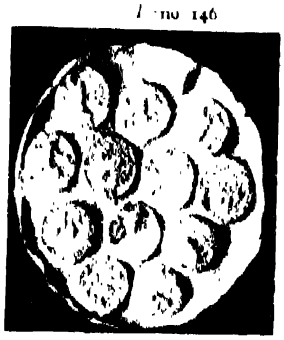
j = no. 142

k = no. 147

l = no. 146

m = no. 149

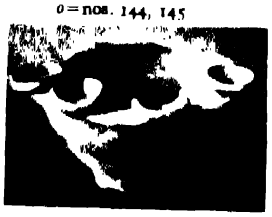
n = no. 148



p = no. 150

q = no. 151

r = no. 152



s = no. 154

t = no. 153

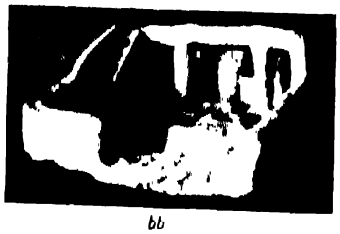
no. 156 = *u* = no. 155

v = no. 161

w = no. 158

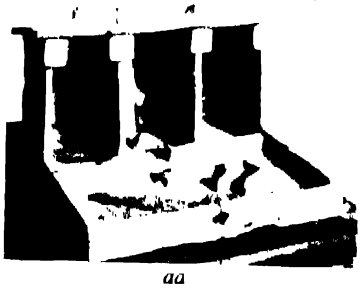
x = no. 159

y = no. 162



bb

z = no. 163



aa

cc

TERRA-COTTAS

a = no. 167

b = no. 166

c = no. 174

d = no. 173

e = no. 175

f = no. 176

g = no. 187

h = no. 177

i = no. 178

PLATE 138

TERRA-COTTAS

a — no. 164

b — no. 165

c — no. 168

d — no. 169

e — no. 170

f — no. 171

g — no. 172

h — no. 136, *a*

i — no. 136, *b*

j — no. 179

k — no. 180

l — no. 183

m — no. 184

n — no. 185

o — no. 181, *b*

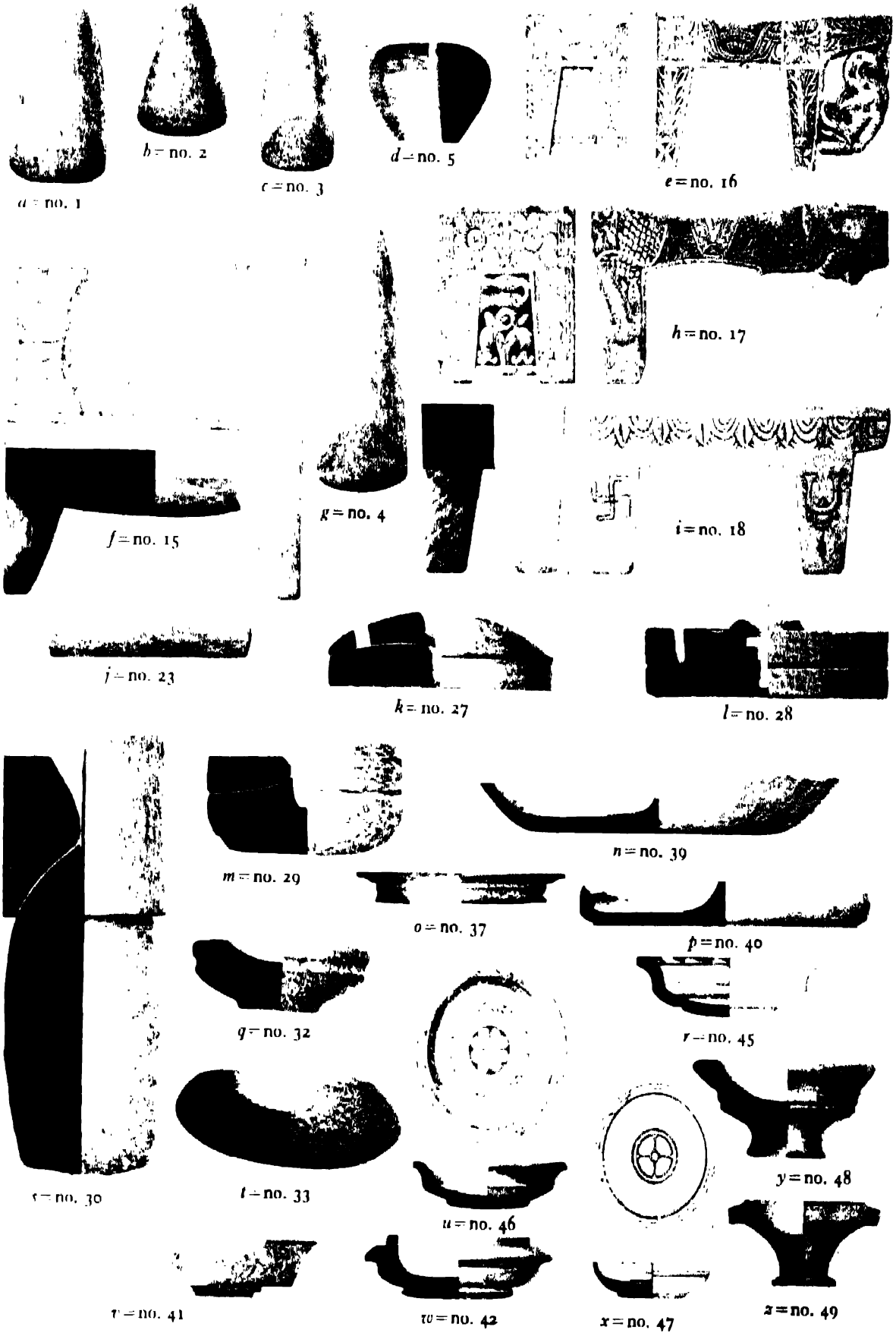
p — no. 182

No. 181

No. 181. *a*

PLATE 140

STONE OBJECTS



STONE OBJECTS

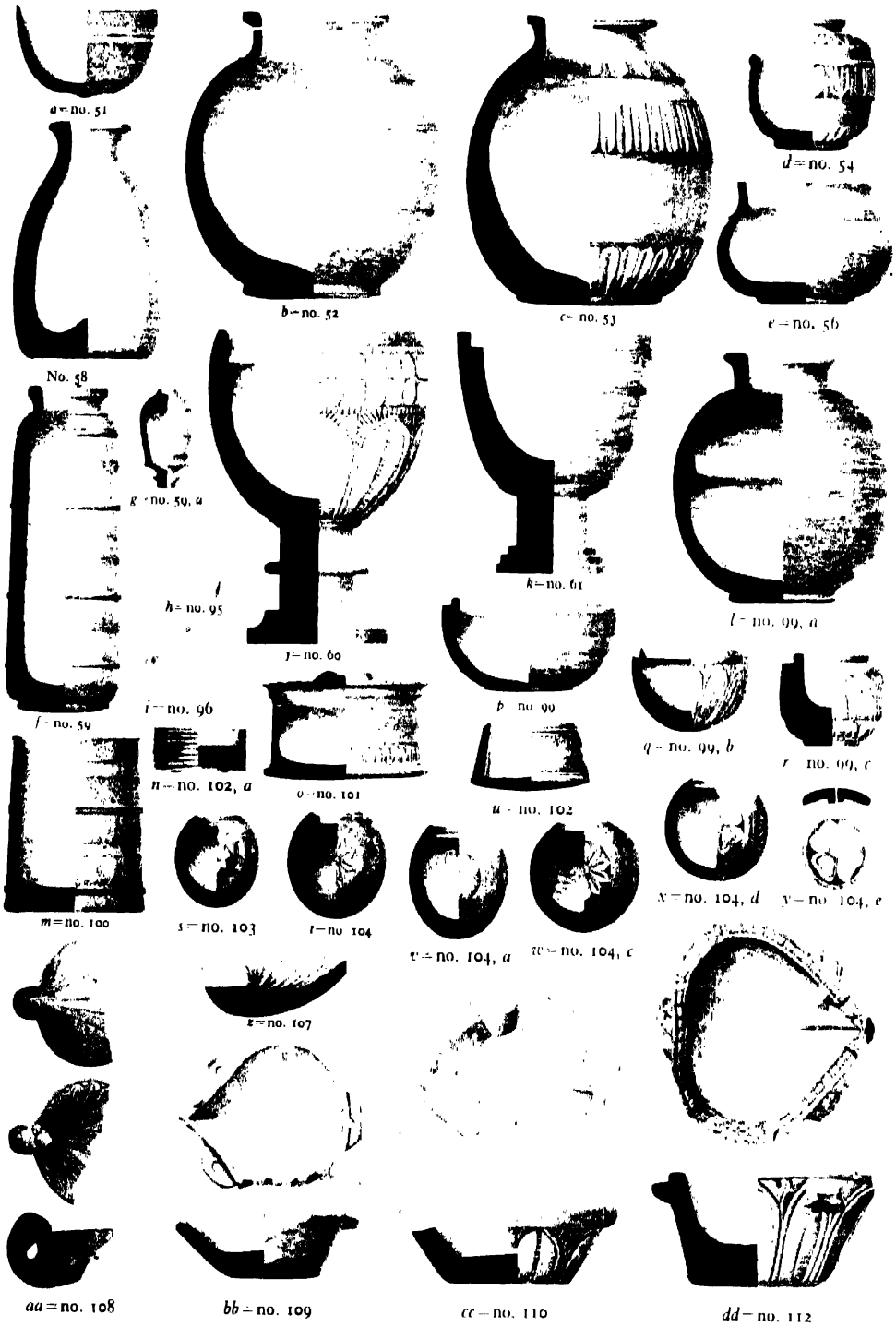


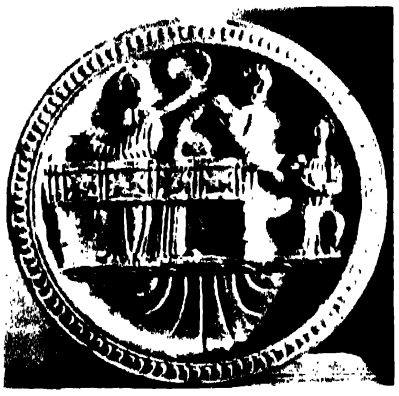
PLATE 142

STONE OBJECTS

STONE OBJECTS

STONE OBJECTS

No. 62

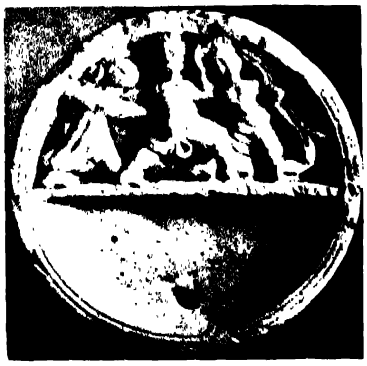


No. 63

No. 64

No. 65

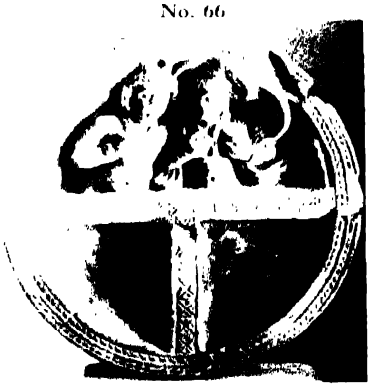
No. 67



No. 66

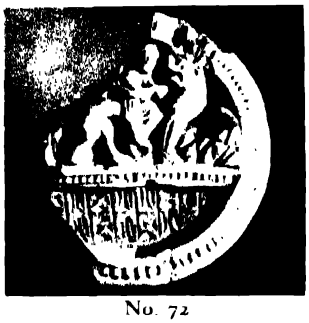
No. 69

No. 68

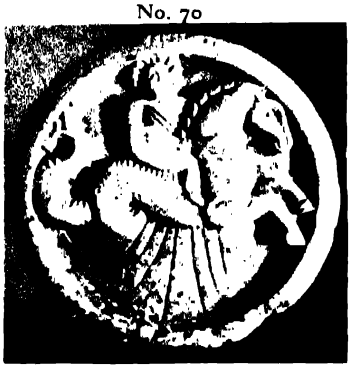


No. 70

No. 71



No. 72



No. 74

STONE OBJECTS

No. 73

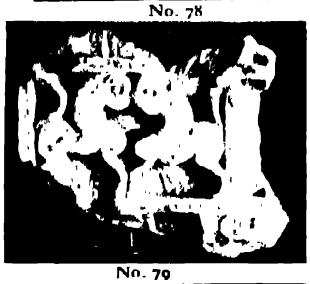
No. 75

No. 76

No. 78

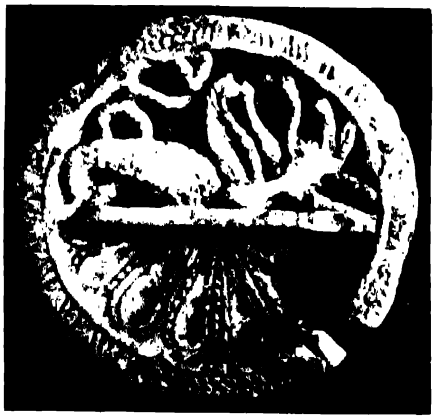
No. 77

No. 80

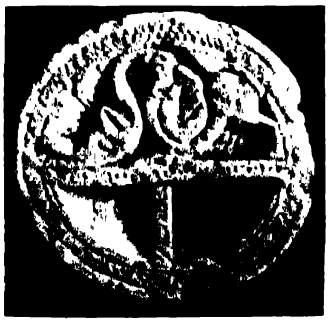

No. 79

No. 81

No. 82


No. 85

No. 83


No. 84

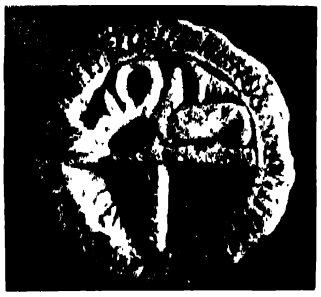
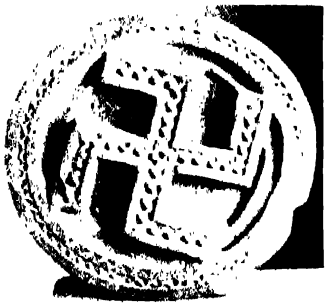

No. 86

PLATE 146

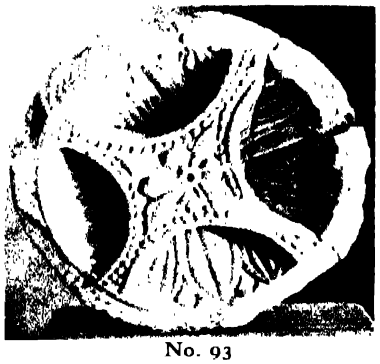
STONE OBJECTS

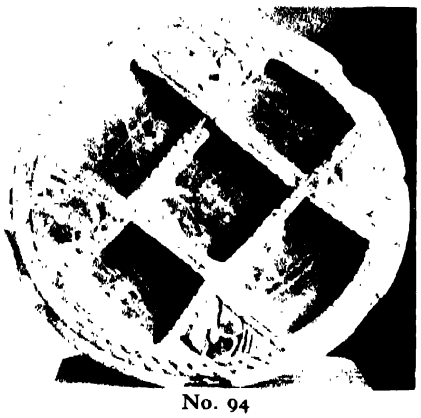
No. 88

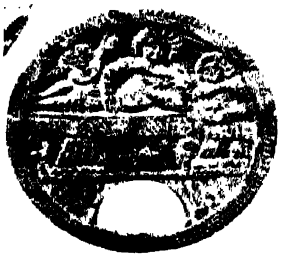
No. 89


No. 92

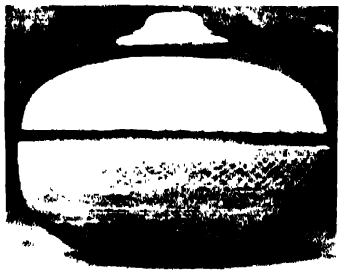
No. 91


No. 93


No. 94


No. 106

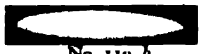
No. 97

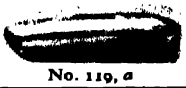

No. 99

No. 111

No. 114

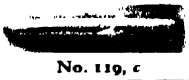
No. 116

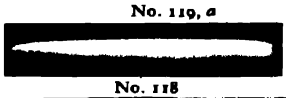

No. 119, b


No. 119, a

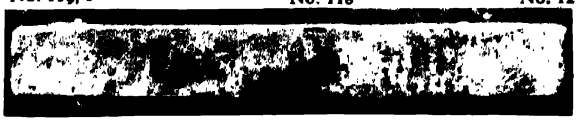
No. 127, a

No. 128

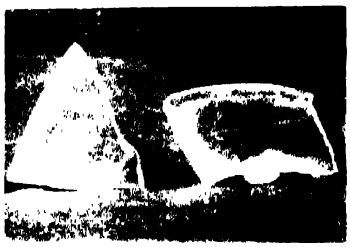

No. 119, c


No. 118

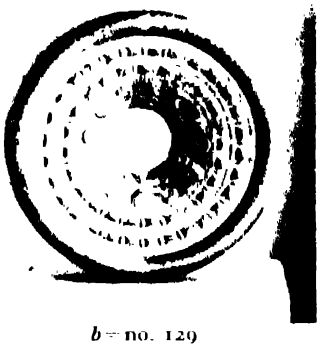
No. 133


No. 121

STONE OBJECTS



a = nos. 95, 96



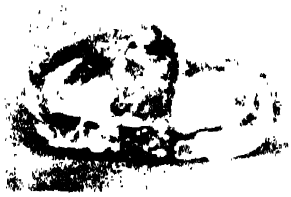
b = no. 129

c = no. 130

d = no. 131

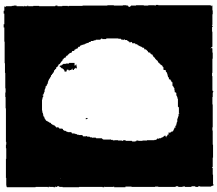
e = no. 140, *c*

g = no. 132



f = no. 136

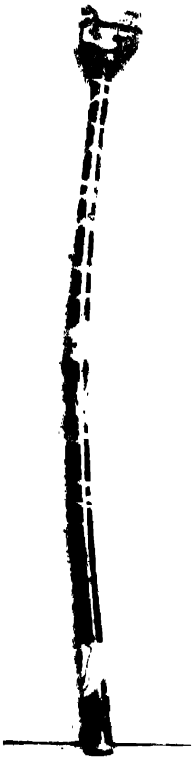
h = no. 139



i = no. 140, *b*

j = no. 139

k = no. 139



s = no. 153

l = no. 139

m = no. 139

n = no. 148

o = no. 139

p = no. 139

q = no. 141

r (cf. Pl. 142, *j*)

(*Note.* Fig. *r* is of lead.)

PLATE 148

STUCCO SCULPTURES

No. 1

No. 2

No. 3

No. 4

No. 5

No. 6

No. 7

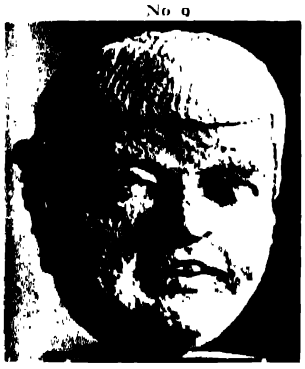
No. 8

No. 9

No. 10

No. 11

No. 12



No. 13

No. 14

No. 15

No. 16

STUCCO SCULPTURES

a – no. 17

b = no. 18

c – no. 20

h – no. 19

d – no. 21

e = no. 22

f

g – no. 27

i = no. 29

j = no. 28

k – no. 38, *a*

l = no. 37

m – no. 49

PLATE 150

STUCCO SCULPTURES

a—no. 30

b—no. 32

STUCCO SCULPTURES

No. 31

PLATE 152

STUCCO SCULPTURES

b no. 34

STUCCO SCULPTURES

a = no. 35

b = no. 51

d = no. 36

a = no. 40

b = no. 44

c = no. 48

STUCCO SCULPTURES

a = no. 39

b — no. 41

c = no. 34, *a*

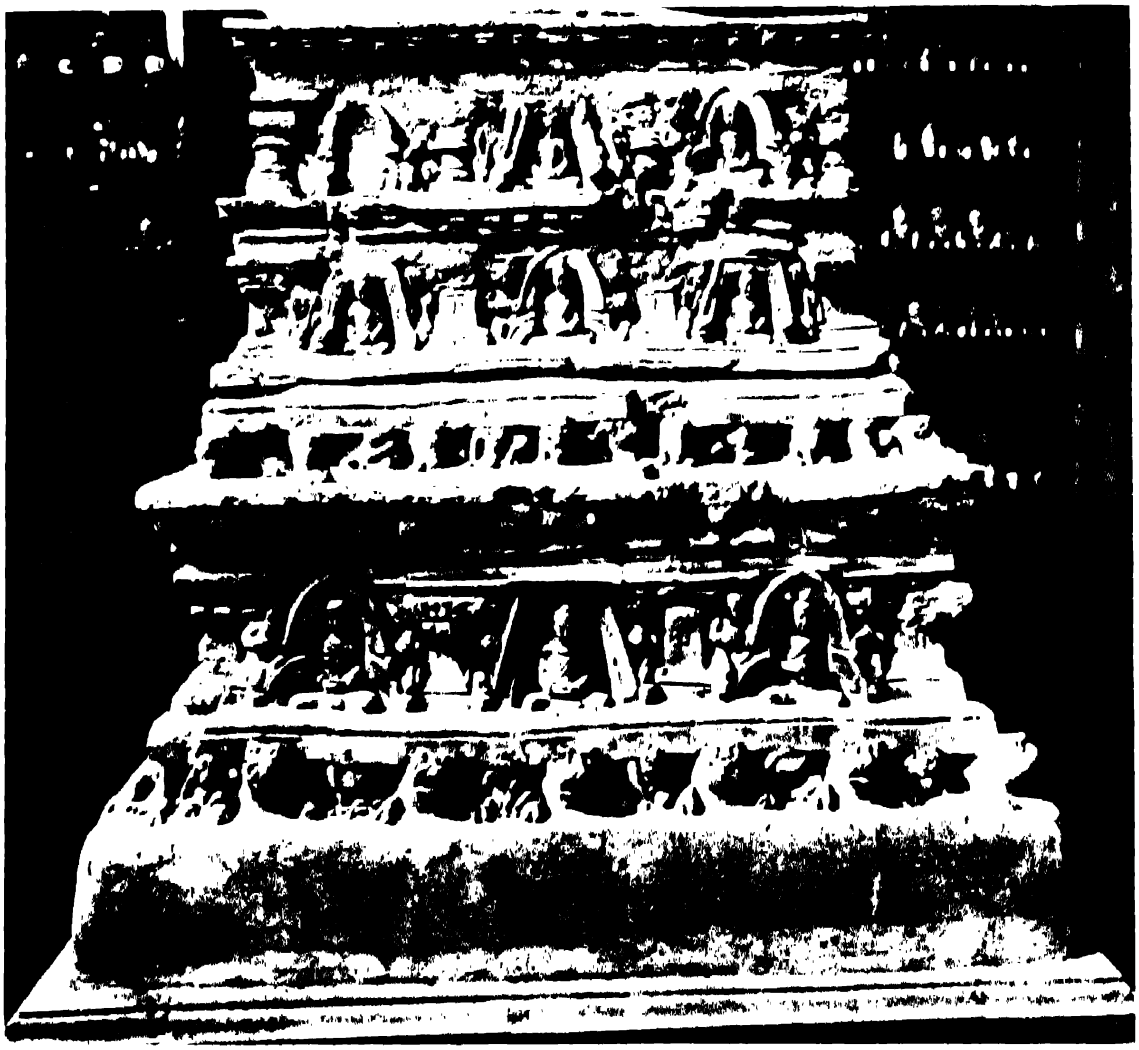
d = no. 42

PLATE 156

STUCCO SCULPTURES

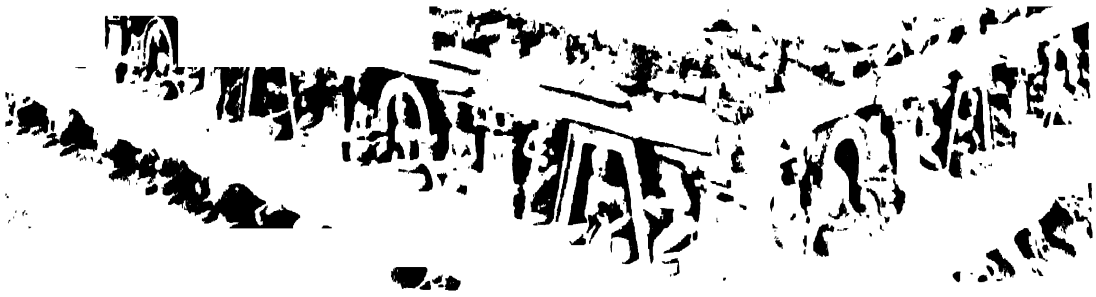
a no. 43

b = no. 82, *a*



c = no. 45

STUCCO SCULPTURES



a – no. 46 (stūpa D4)

b = no. 47 (detail of stūpa D4)

PLATE 158

STUCCO SCULPTURES

a = no. 52

b = no. 53

c = no. 55

d = no. 54

e = no. 56

g = no. 58

h = no. 57

i = no. 60

f = no. 65

j = no. 63

k = no. 59

l = no. 61

m = no. 66

n = no. 62

o = no. 64

STUCCO SCULPTURES

a = no. 67

b = no. 69

c = no. 70

d = no. 68

e = no. 71

f = no. 72

g = no. 74

h = no. 76

i = no. 77

j = no. 75

PLATE 160

STUCCO SCULPTURES

a = no. 78

b = no. 79

c = no. 80

d = no. 81

e = no. 82

f = no. 83

g = no. 84

h = no. 85

i = no. 86, *b*

STUCCO SCULPTURES

a = no. 86, *c*

b = no. 87

c = no. 88

d = no. 90

e = no. 89

f = no. 91

g = no. 92

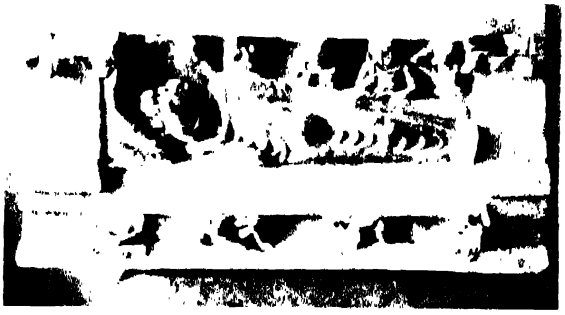
h = no. 94

i = no. 93

j = no. 95

k = no. 96

l = no. 97



m = no. 99

n = no. 98

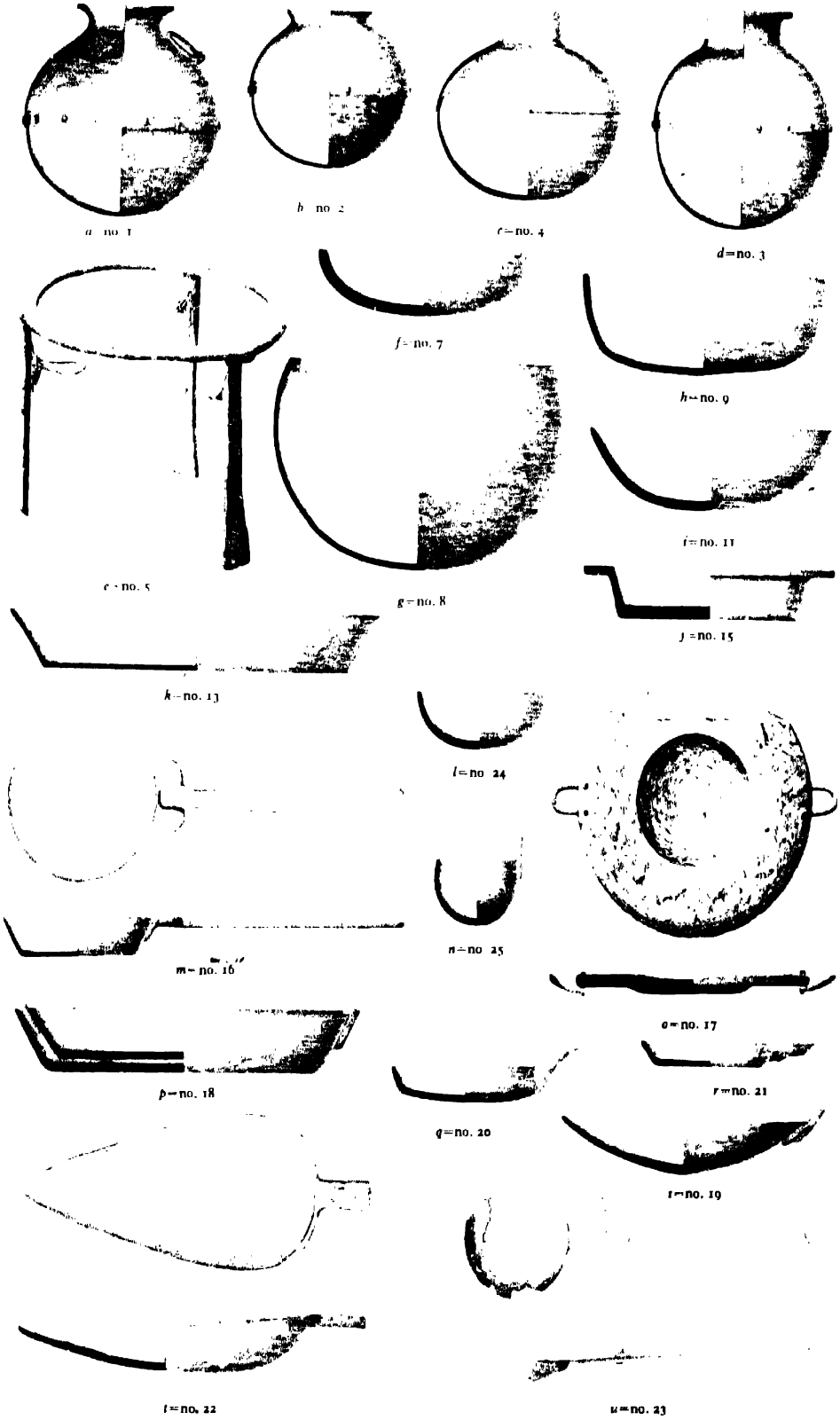
o = no. 100

p = no. 101

q = no. 102

PLATE 162

IRON OBJECTS



IRON OBJECTS

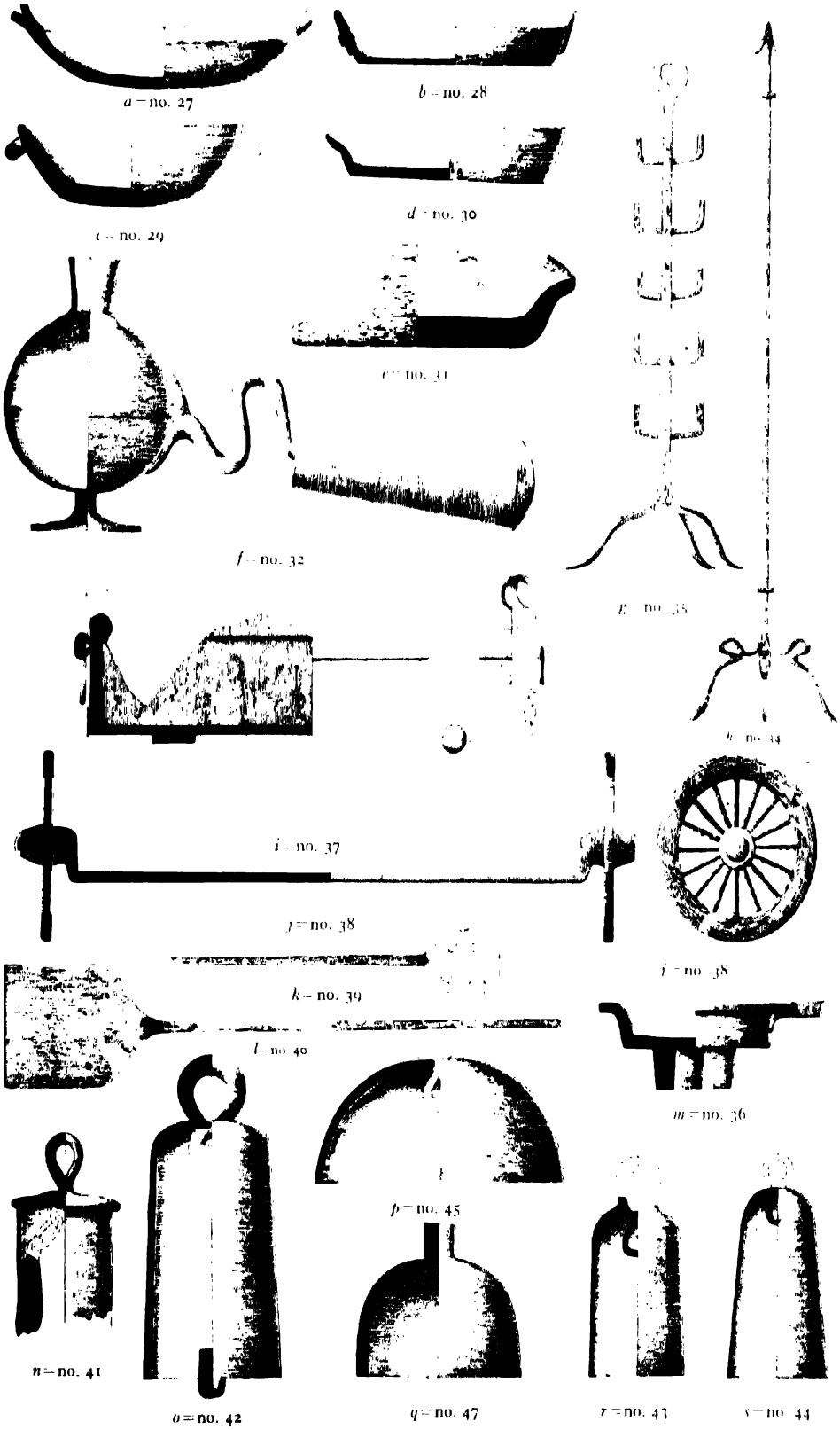
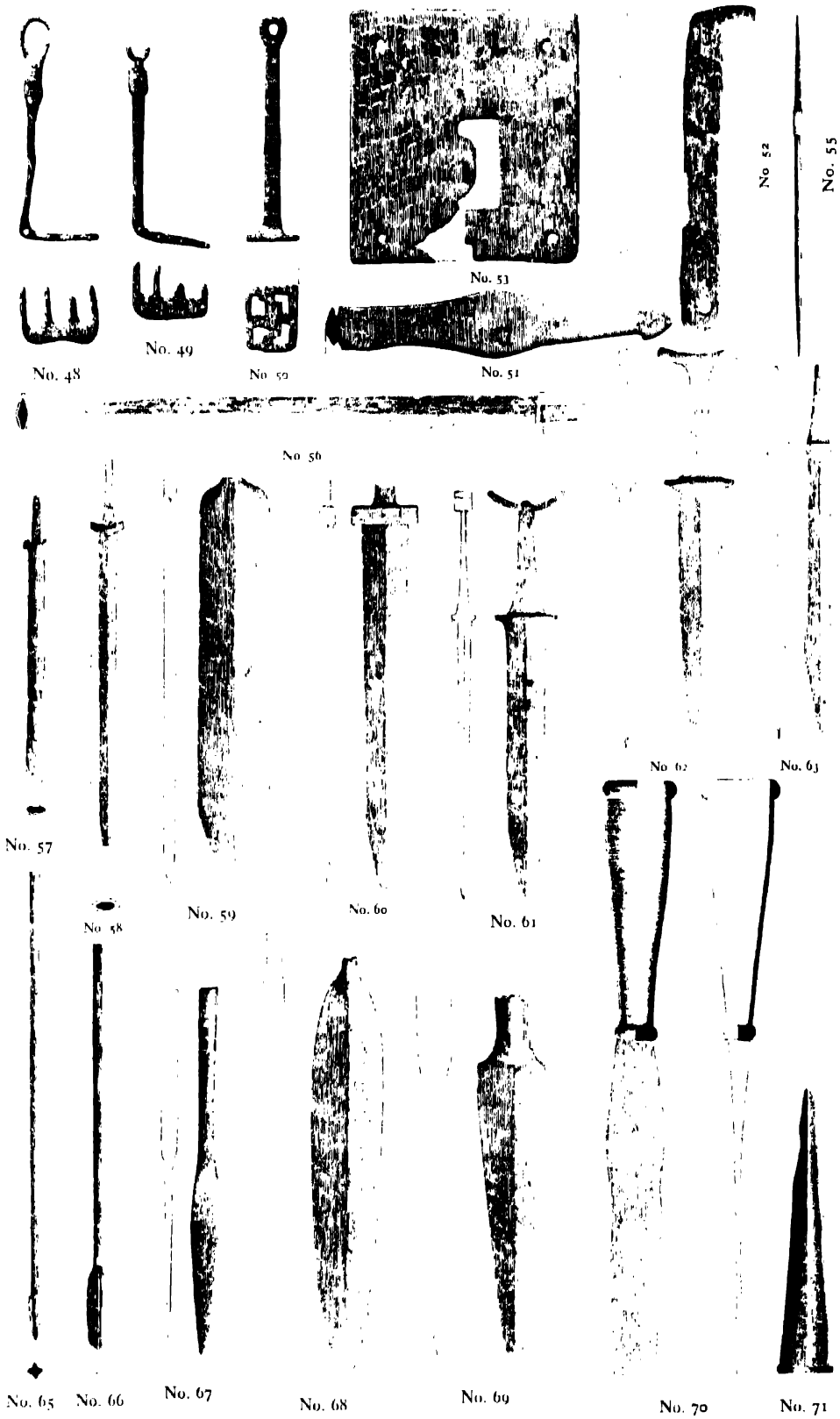


PLATE 164

IRON OBJECTS



IRON OBJECTS

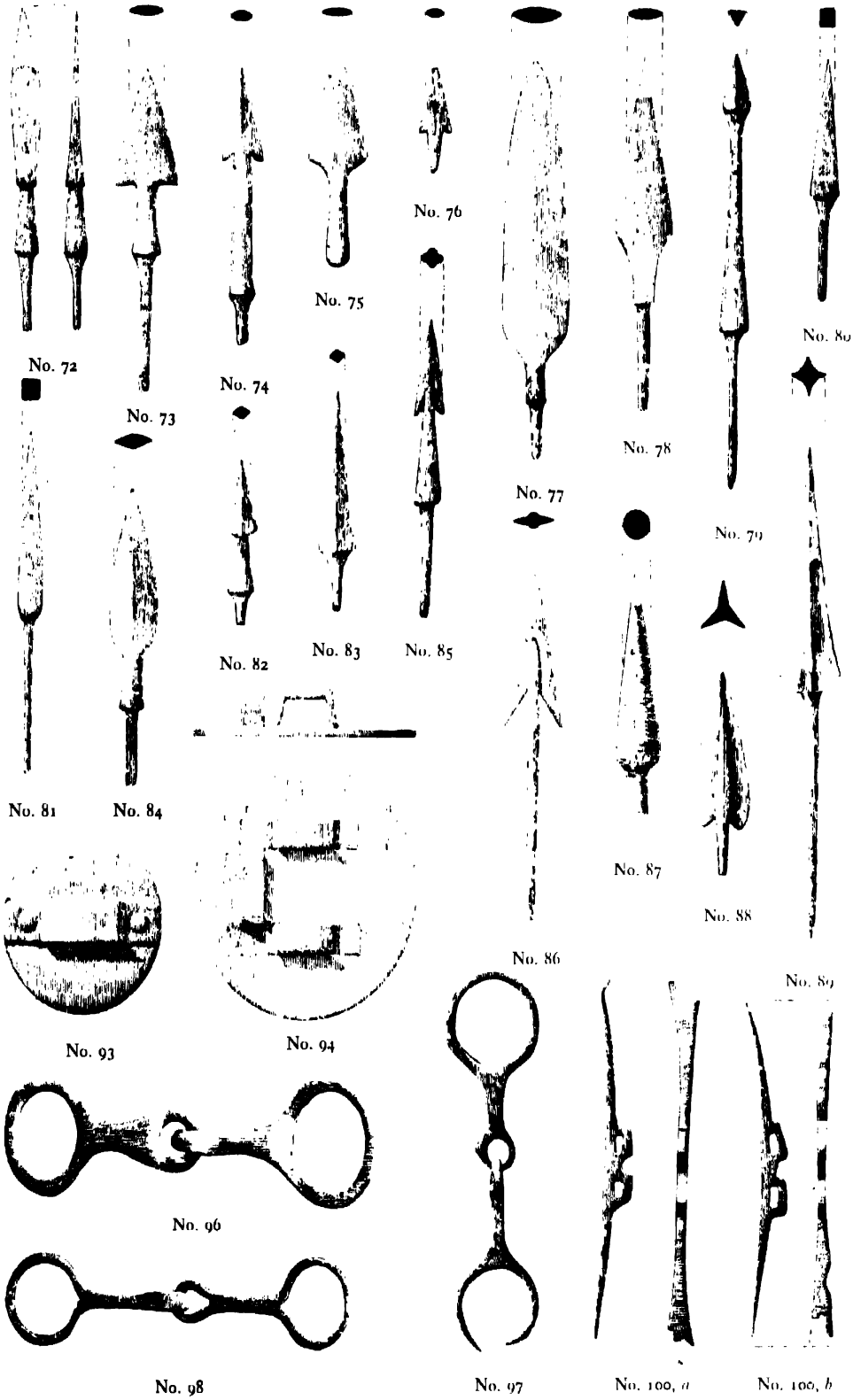


PLATE 166

IRON OBJECTS

IRON OBJECTS

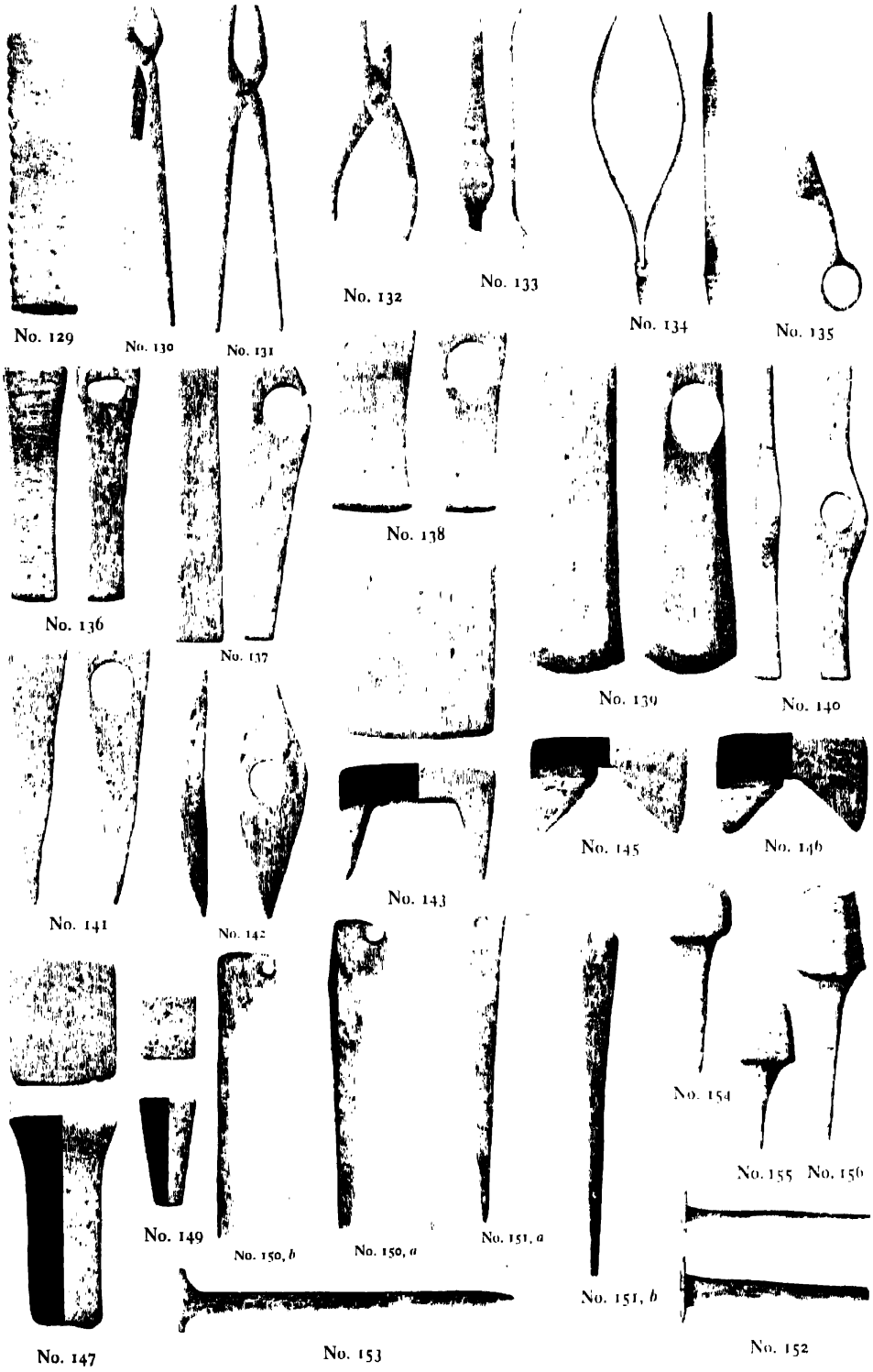
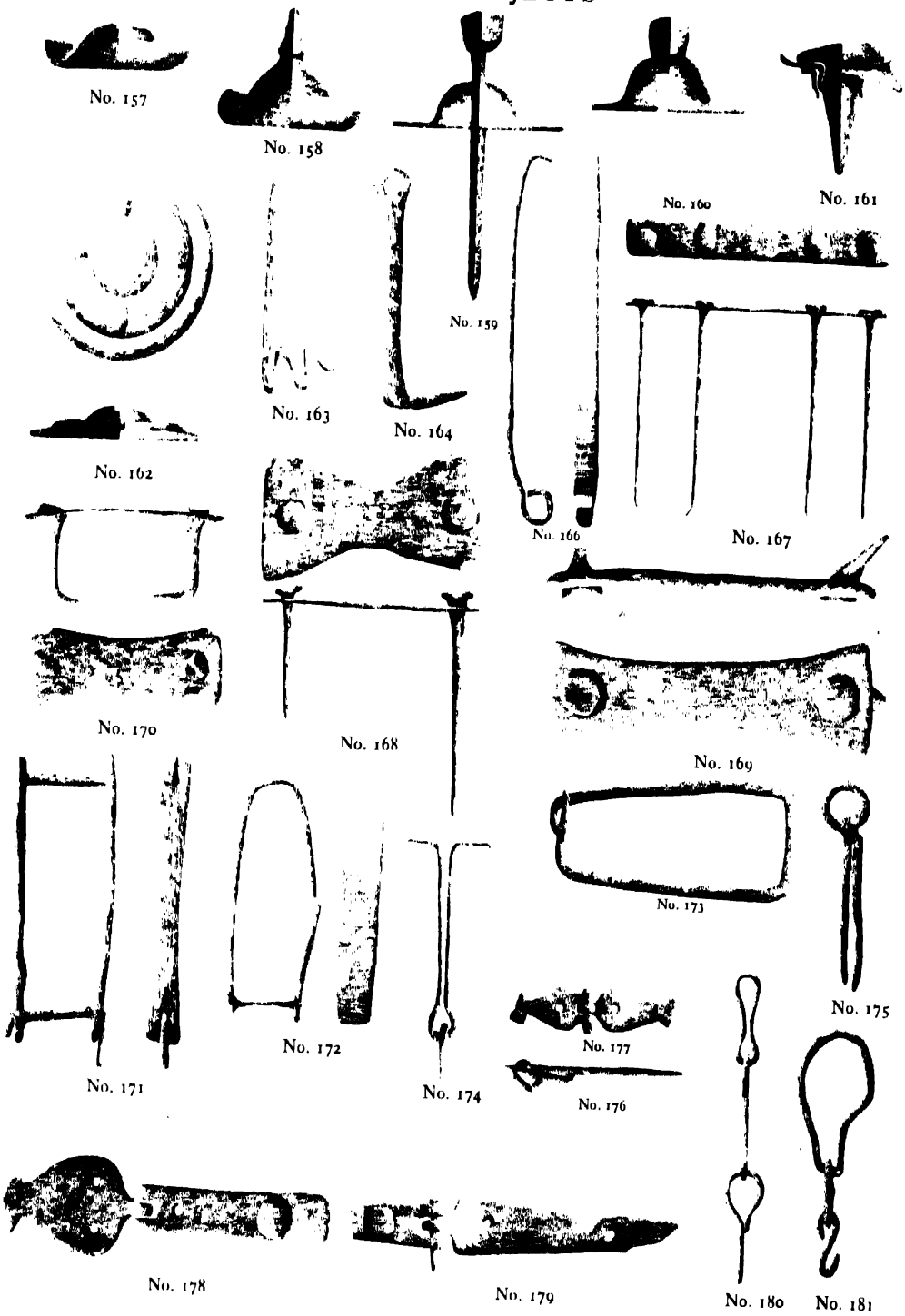


PLATE 168

IRON OBJECTS



IRON OBJECTS

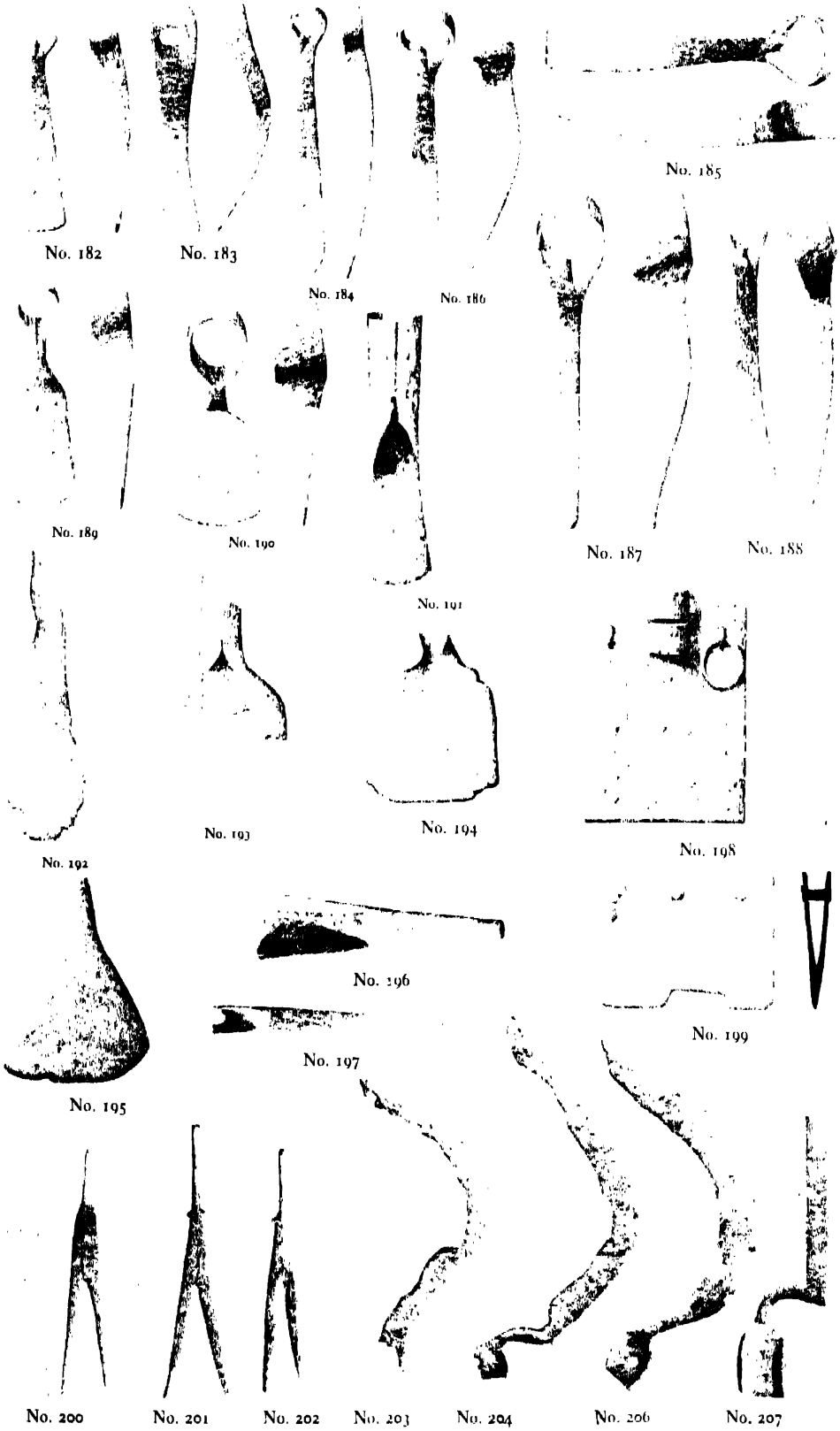
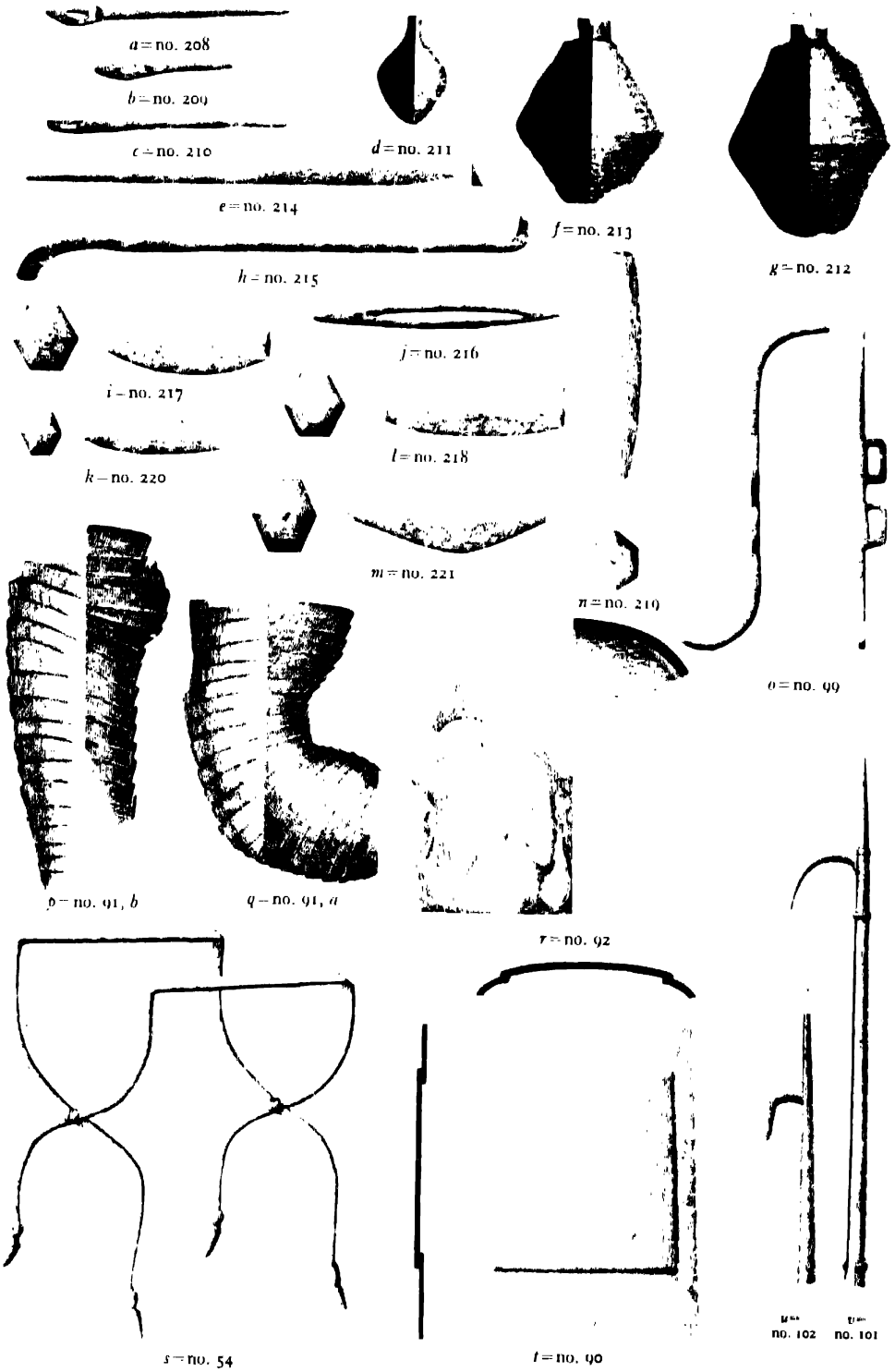


PLATE 170

IRON OBJECTS



COPPER, BRONZE AND LEAD OBJECTS

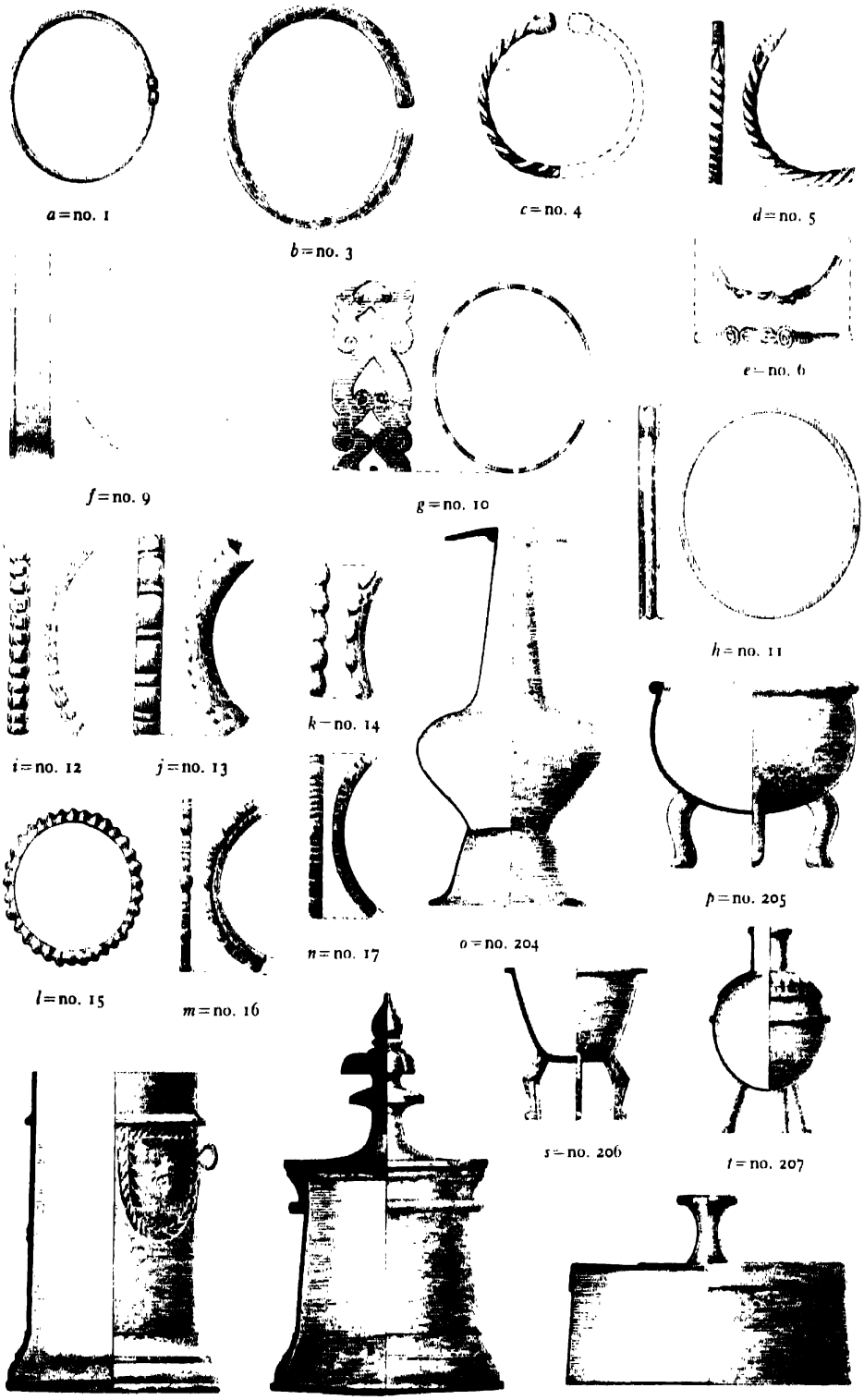
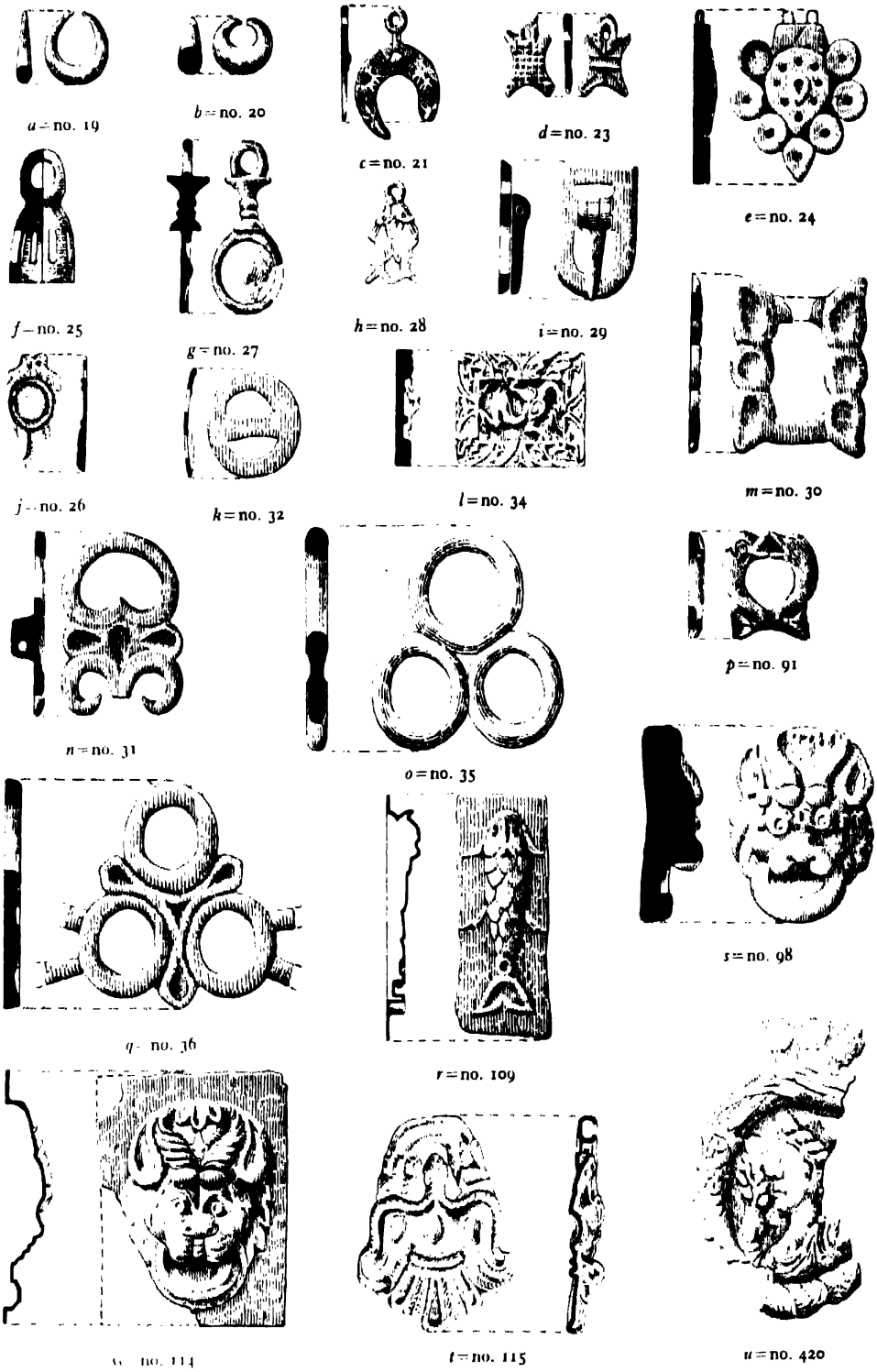


PLATE 172

COPPER, BRONZE AND LEAD OBJECTS



COPPER, BRONZE AND LEAD OBJECTS

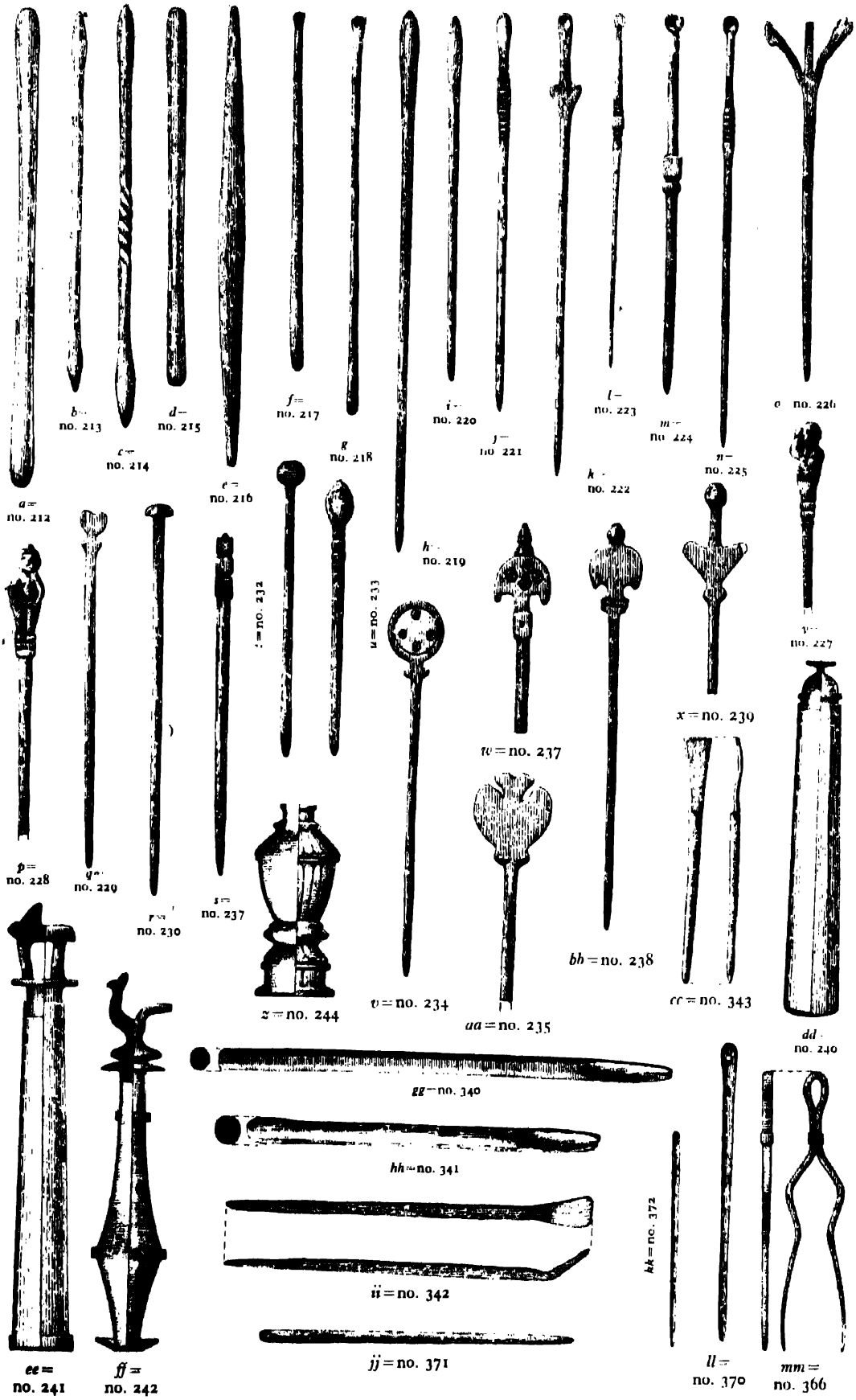
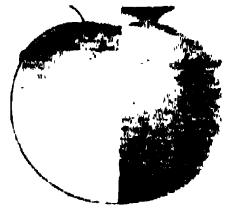


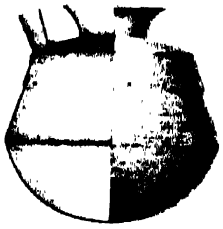
PLATE 174

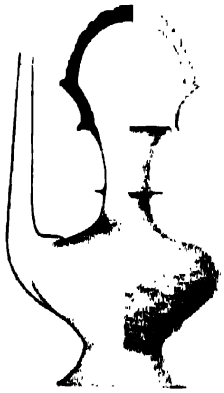
COPPER, BRONZE AND LEAD OBJECTS


No. 255

No. 256

No. 257


No. 258

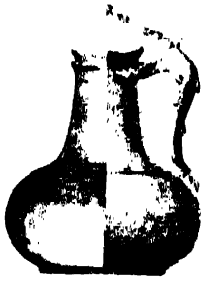

No. 259

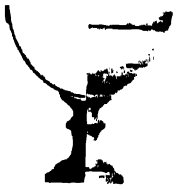
No. 260

No. 261

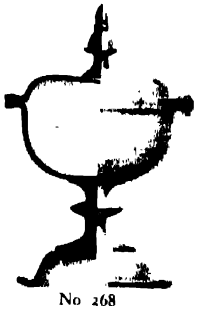
No. 262

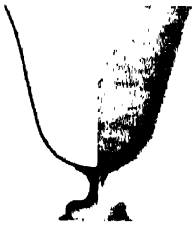
No. 263


No. 264


No. 266

No. 267

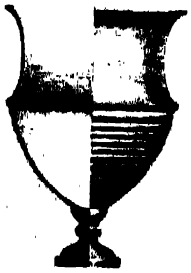

No. 268

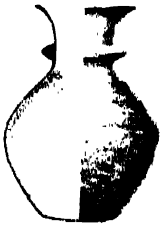

No. 269

No. 270

No. 272

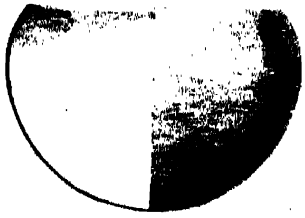
No. 276, *a*

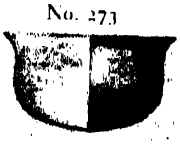

No. 273


No. 274

No. 275

No. 277, *a*


No. 278, *a*


No. 279

COPPER, BRONZE AND LEAD OBJECTS

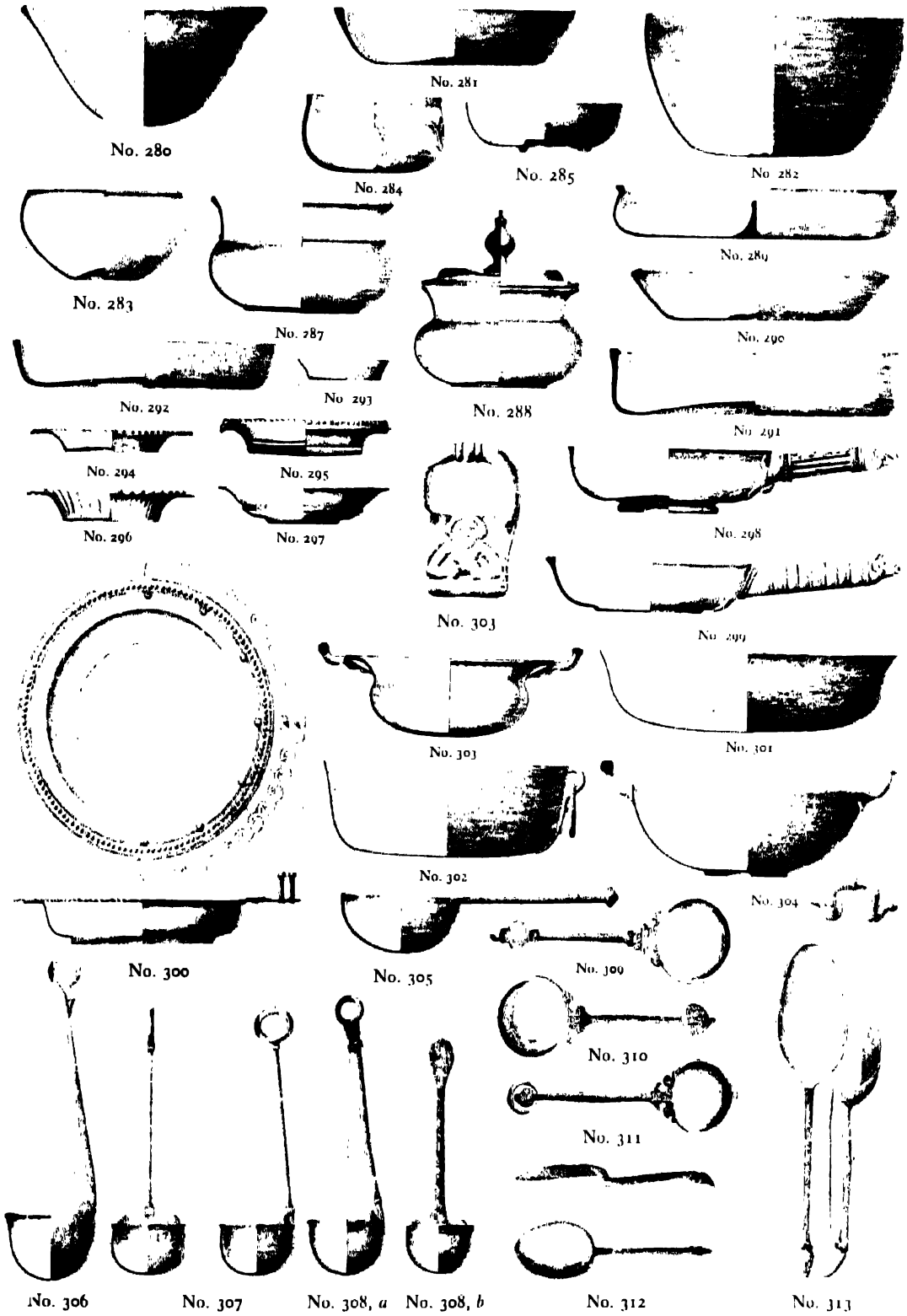
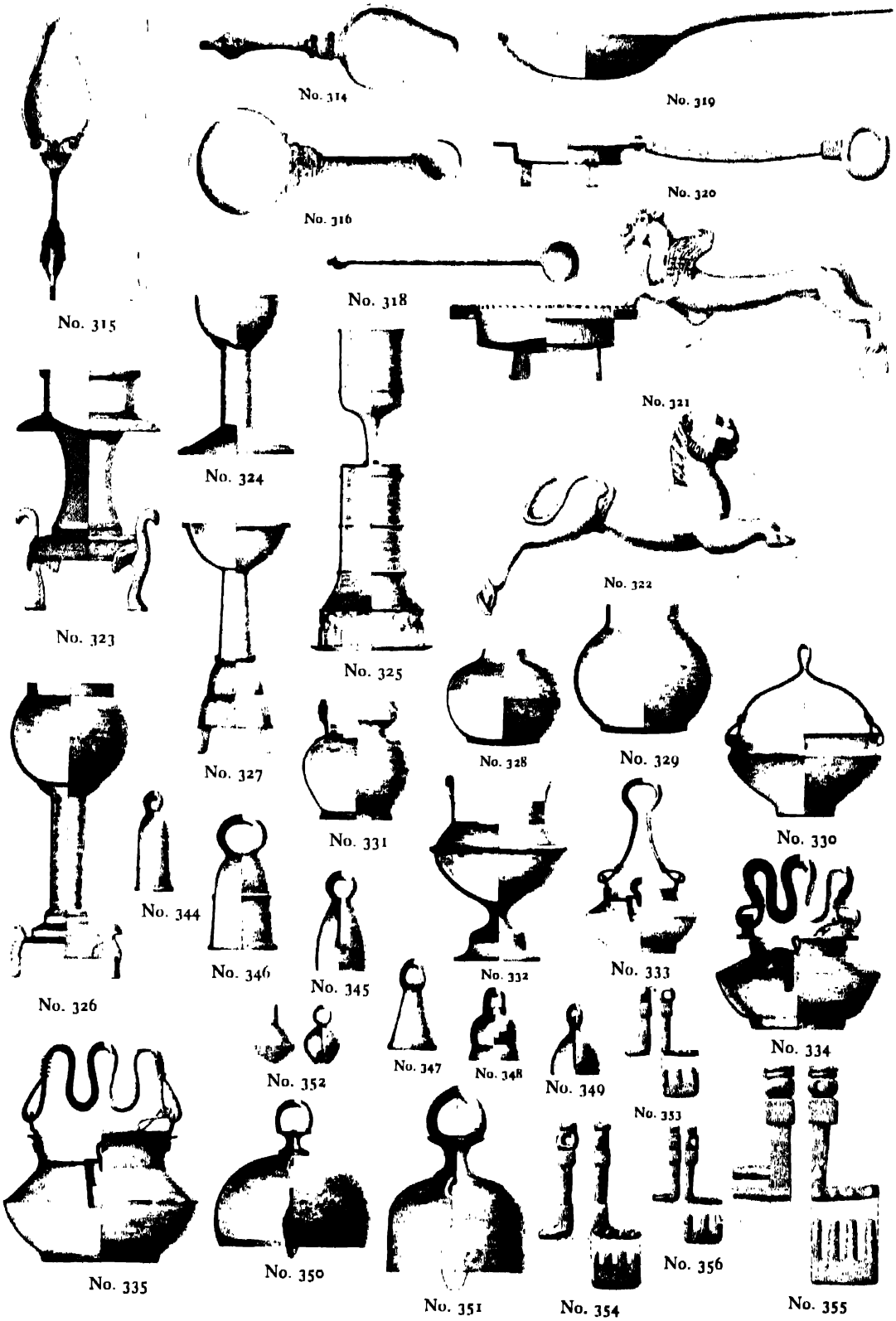


PLATE 176

COPPER, BRONZE AND LEAD OBJECTS



COPPER, BRONZE AND LEAD OBJECTS

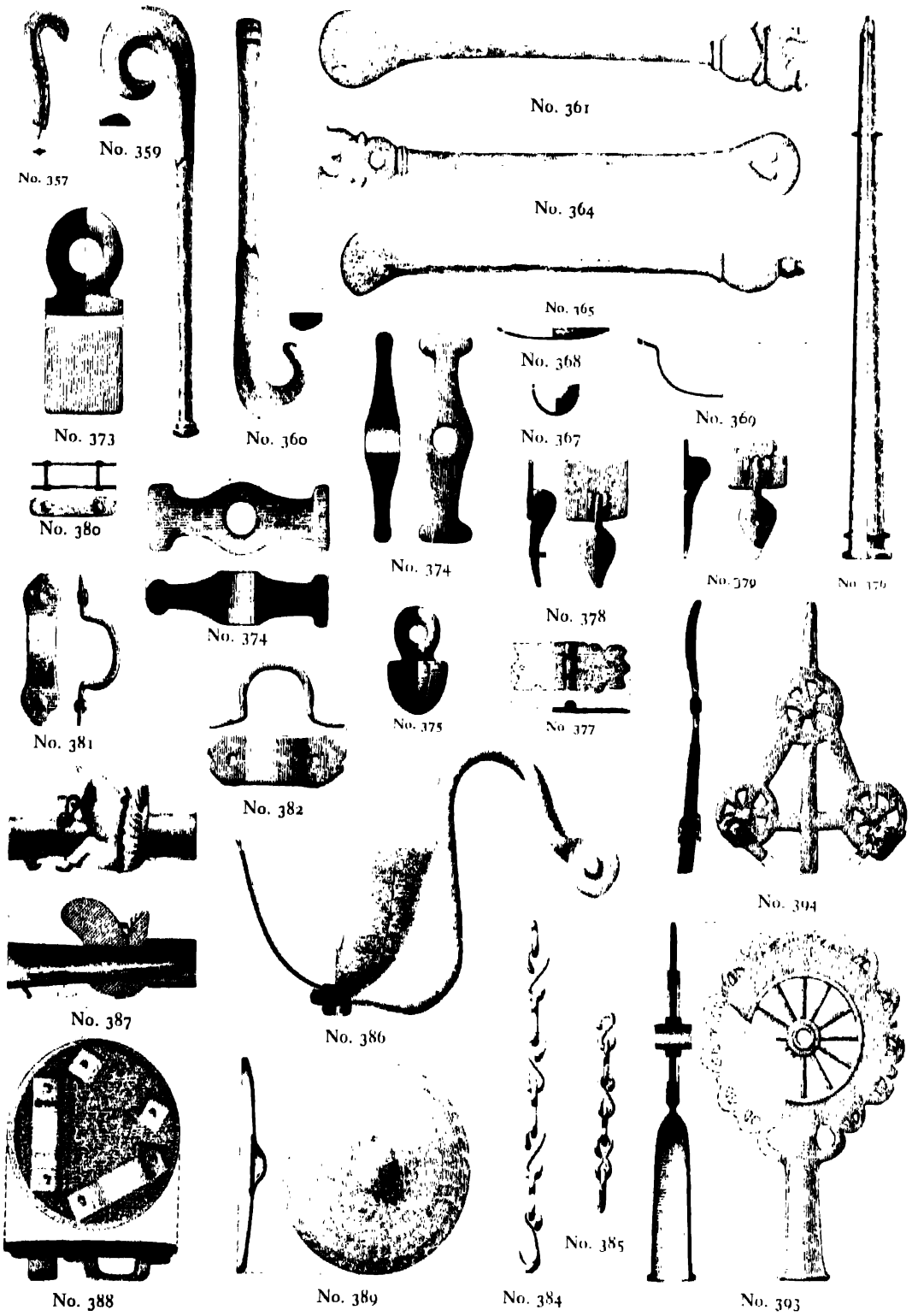
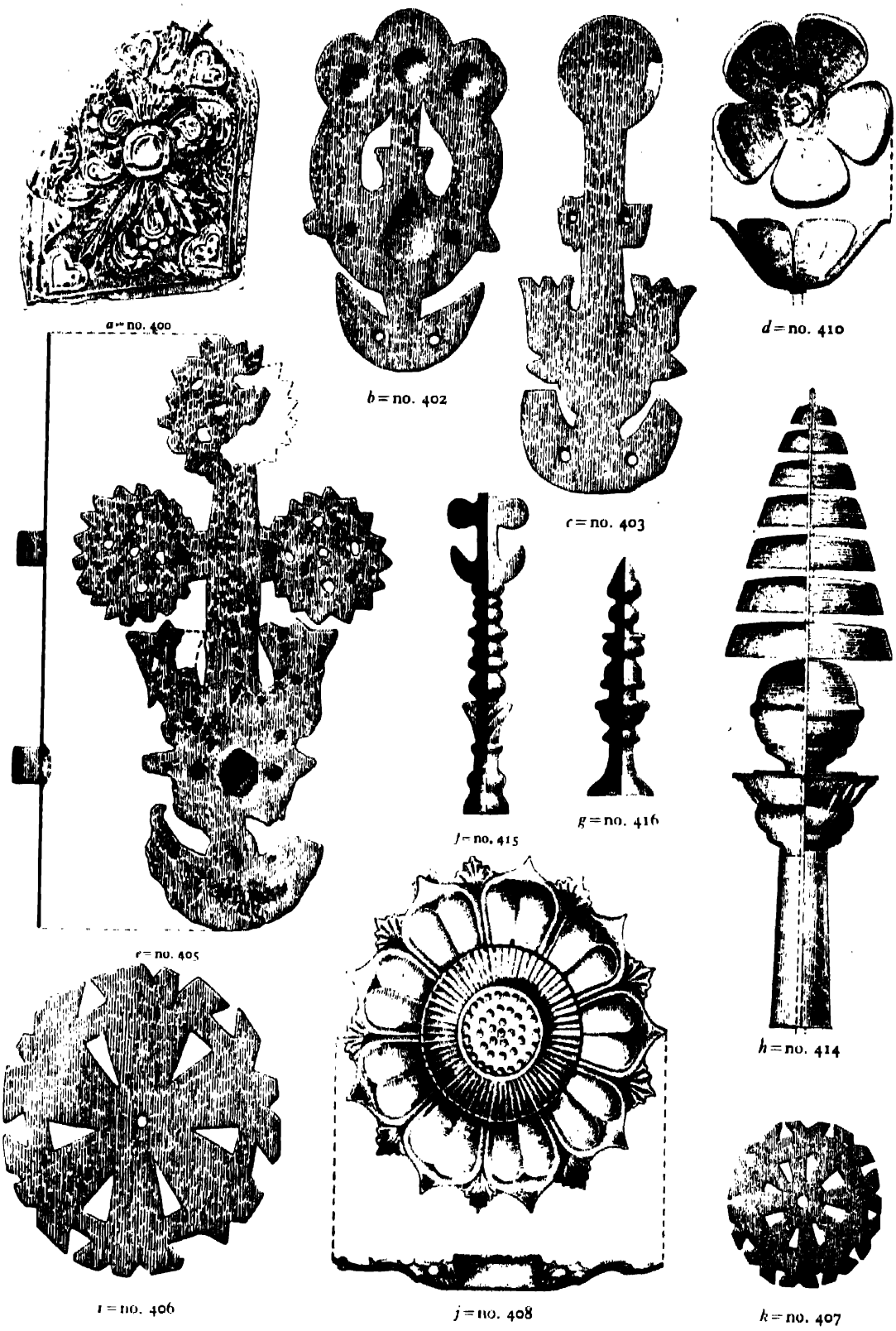
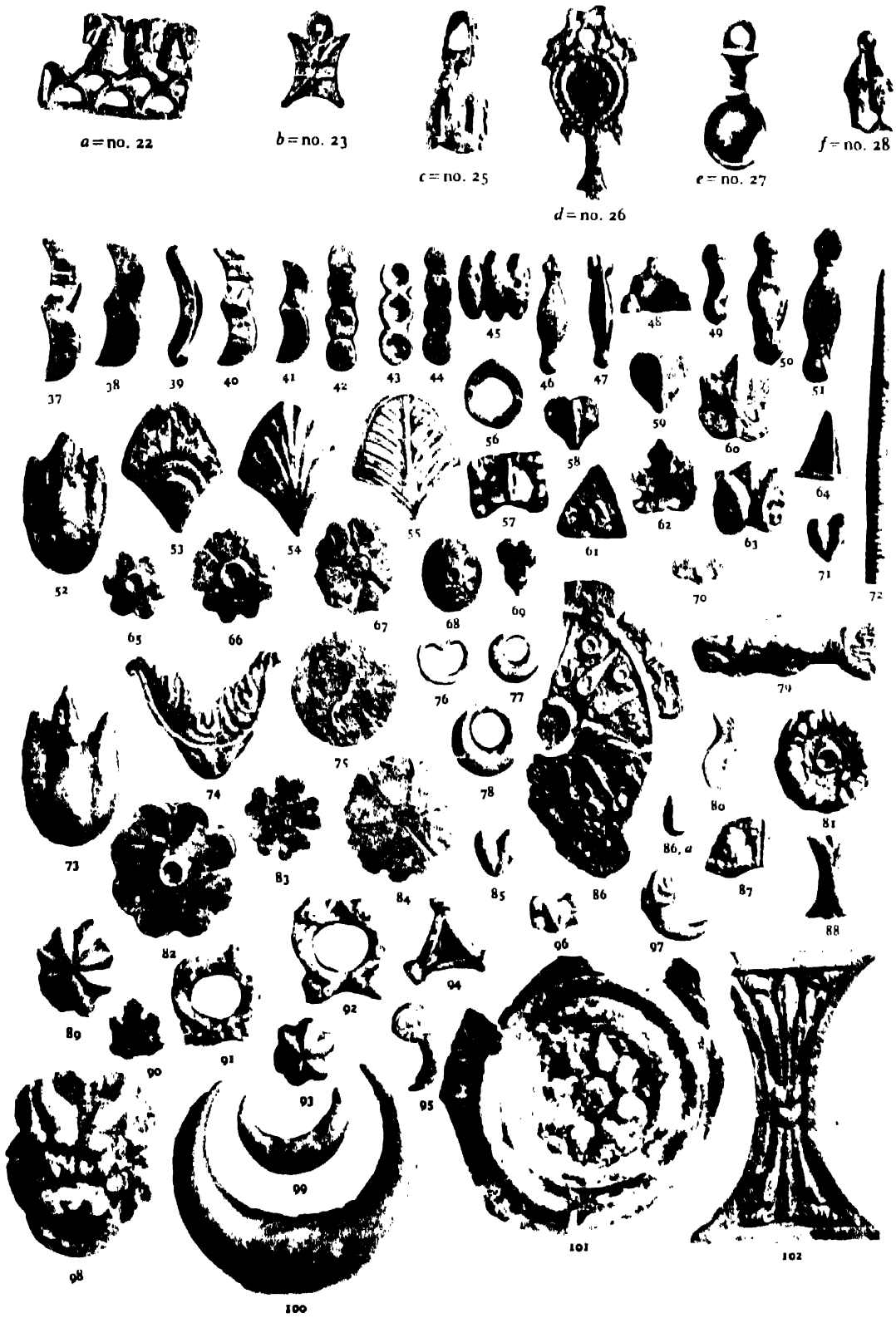


PLATE 178

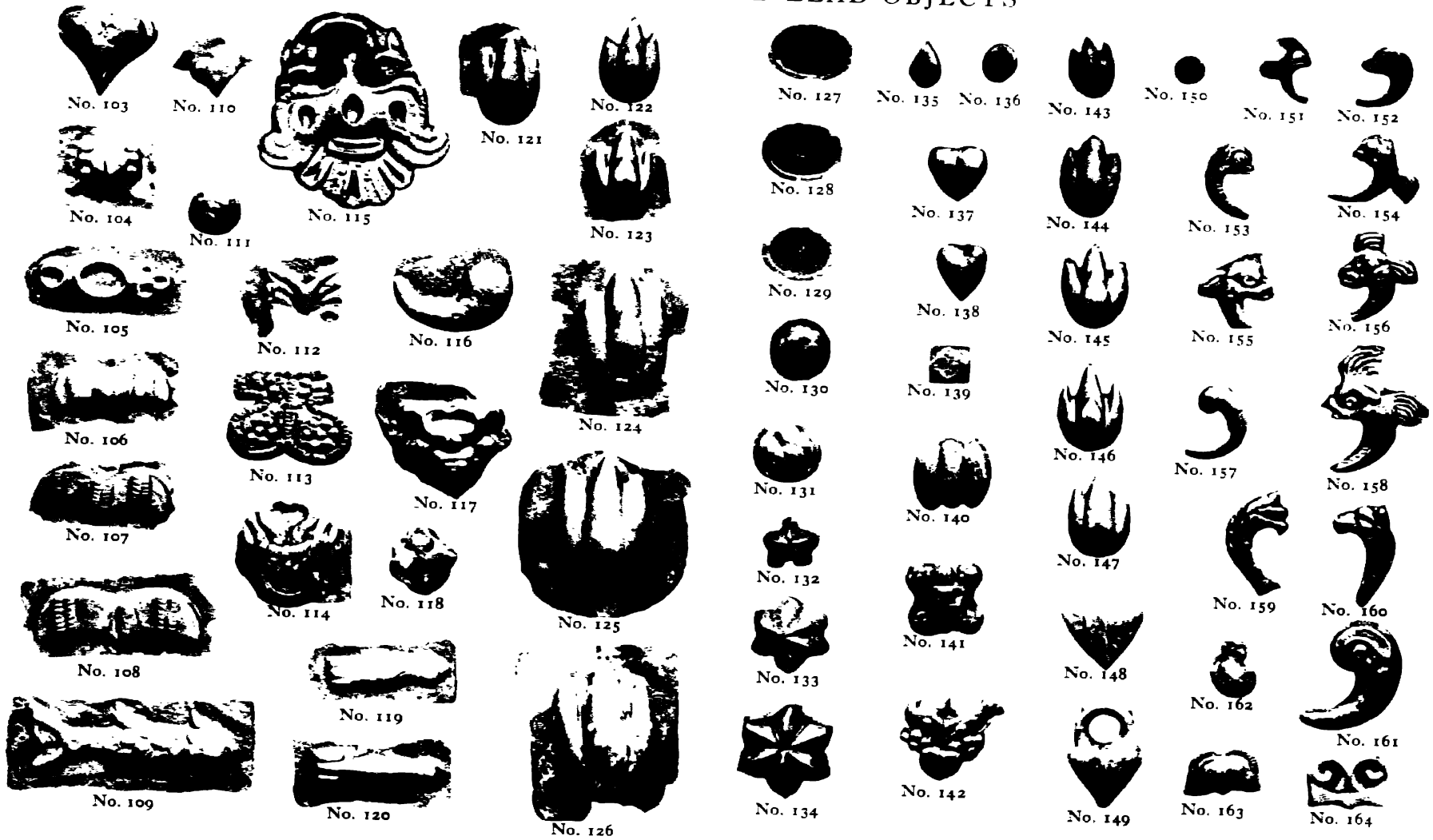
COPPER, BRONZE AND LEAD OBJECTS



COPPER, BRONZE AND LEAD OBJECTS



COPPER, BRONZE AND LEAD OBJECTS



COPPER, BRONZE AND LEAD OBJECTS

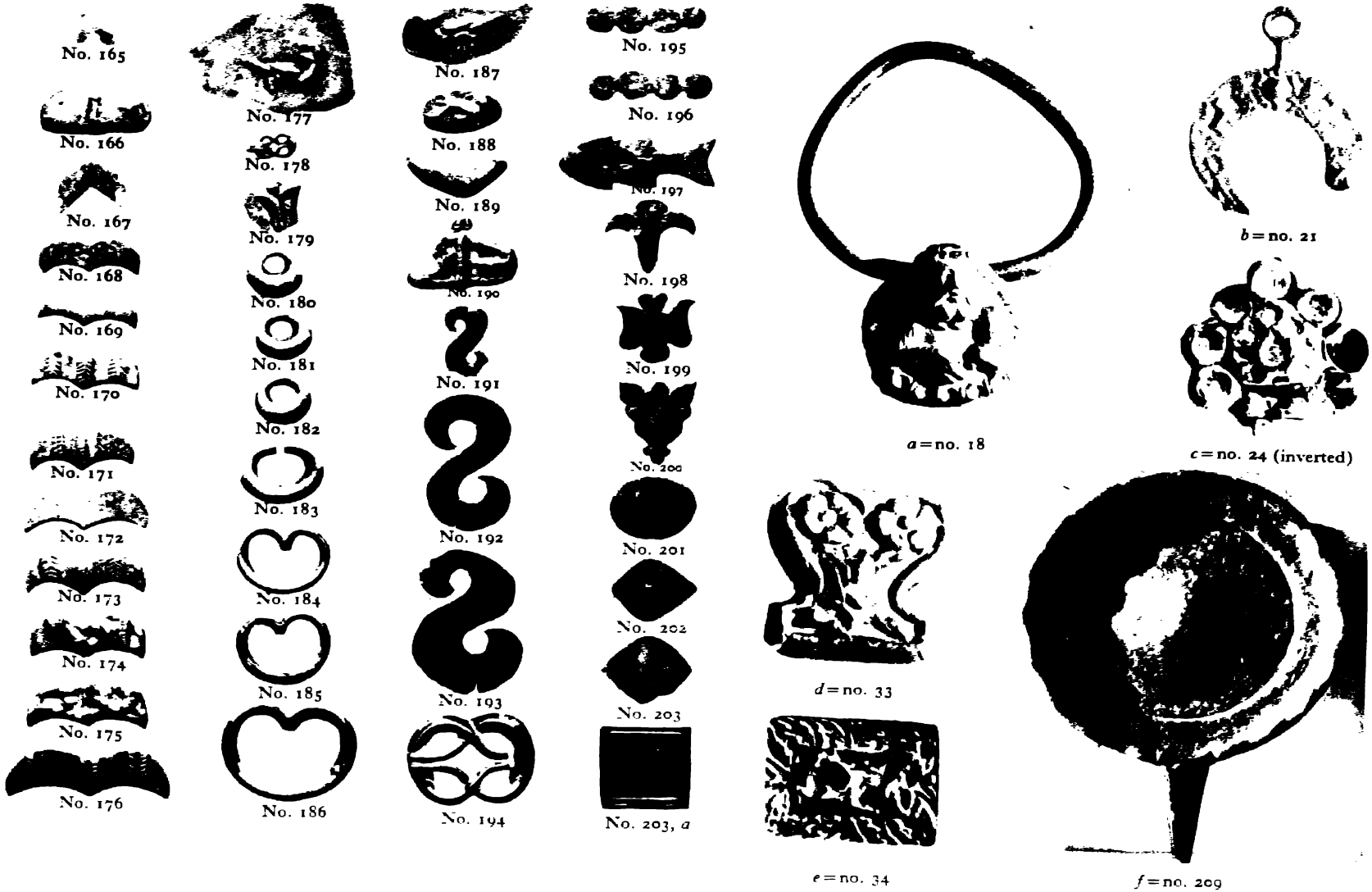


PLATE 182

COPPER, BRONZE AND LEAD OBJECTS

a = no. 208

b = no. 211

c = no. 228

d = no. 241

1 2 3 4 5 6

n = nos. 221–5

e = no. 242

f = no. 243

h = no. 246

g = no. 245

i = no. 247

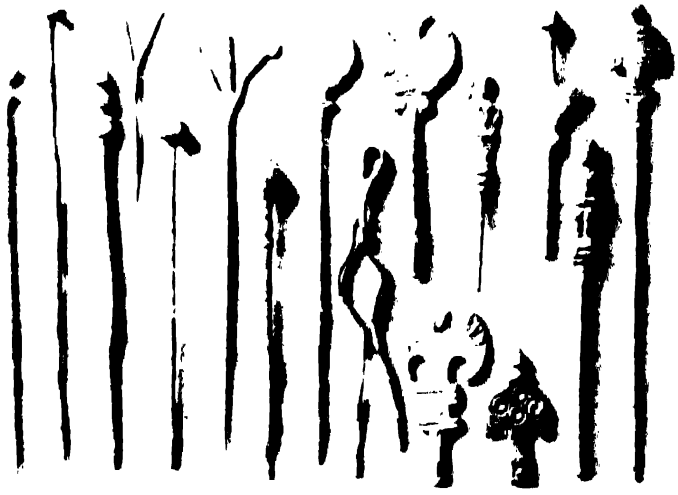
j = no. 250

k = no. 249

l = no. 251

m = no. 248

o = no. 252, *b*



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

p = nos. 226, 229–39, 366

COPPER, BRONZE AND LEAD OBJECTS

a = no. 253

b = no. 259

c = no. 261

d = no. 262

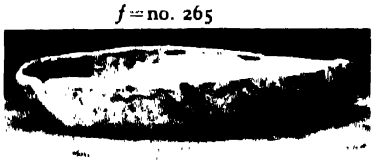
e = no. 288

i = no. 273

f = no. 265

g = no. 268

h = no. 283



j = no. 292

k = no. 296

l = nos. 294, 297

m = no. 300

n = no. 298

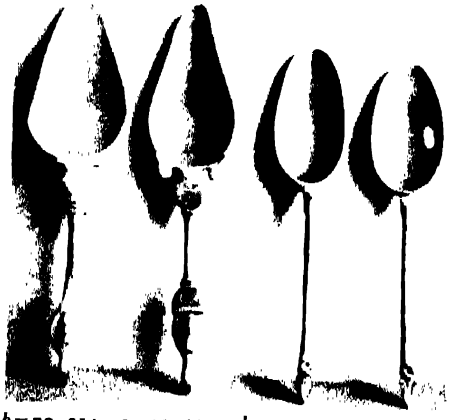
o = no. 299

p = no. 304, *a*

PLATE 184

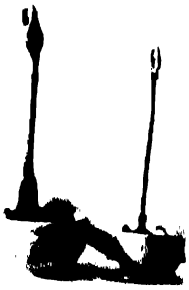
COPPER, BRONZE AND IRON OBJECTS

a = no. 307

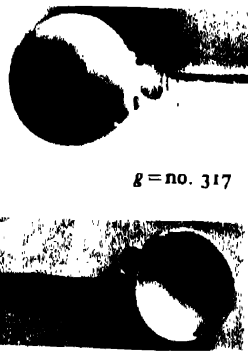


b = no. 314 *c* = no. 315 *d* = no. 313 *e* = no. 312

f = no. 308, *a*, *b*



h = nos. 306, 307

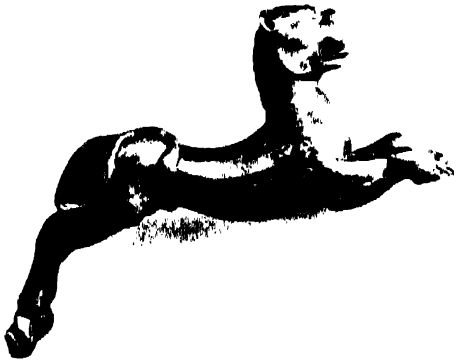


g = no. 317

i = no. 310

j = no. 327, *a*

k = no. 321



l = no. 322

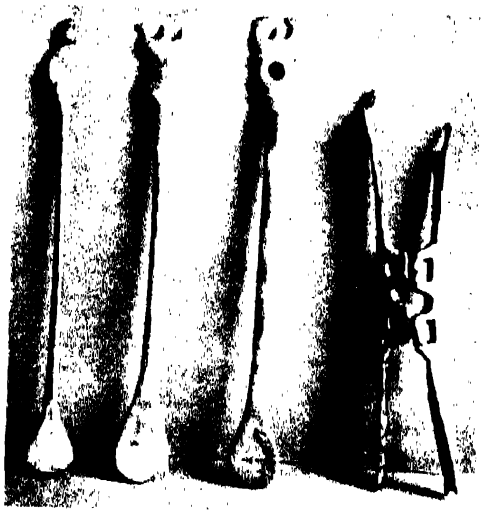
m = no. 323

n = no. 335

1 2 3 4 5 6 7

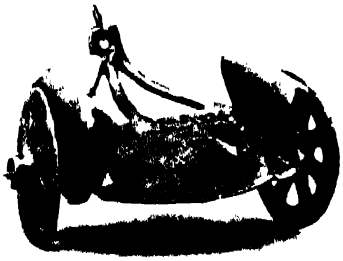
o = nos. 355, 372 and Iron Objects, nos. 48, 50–2

COPPER, BRONZE AND IRON OBJECTS



a = no. 365 *b* = no. 363 *c* = no. 364 *d* = Iron Objects, no. 100, *a*, *b*

e = no. 360, *b* *f* = no. 360, *a* *g* = no. 359 *h* = no. 360, *c*



i = no. 391

j = no. 399

k = no. 395

m = no. 396

n = no. 398

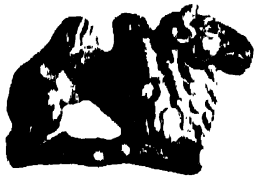
l = no. 387

o = no. 428

p = no. 429

q = no. 426

r = no. 430



s = no. 427

PLATE 186

COPPER, BRONZE AND LEAD OBJECTS

a = no. 397

b = no. 418

c = no. 419

d = no. 421

e = no. 417

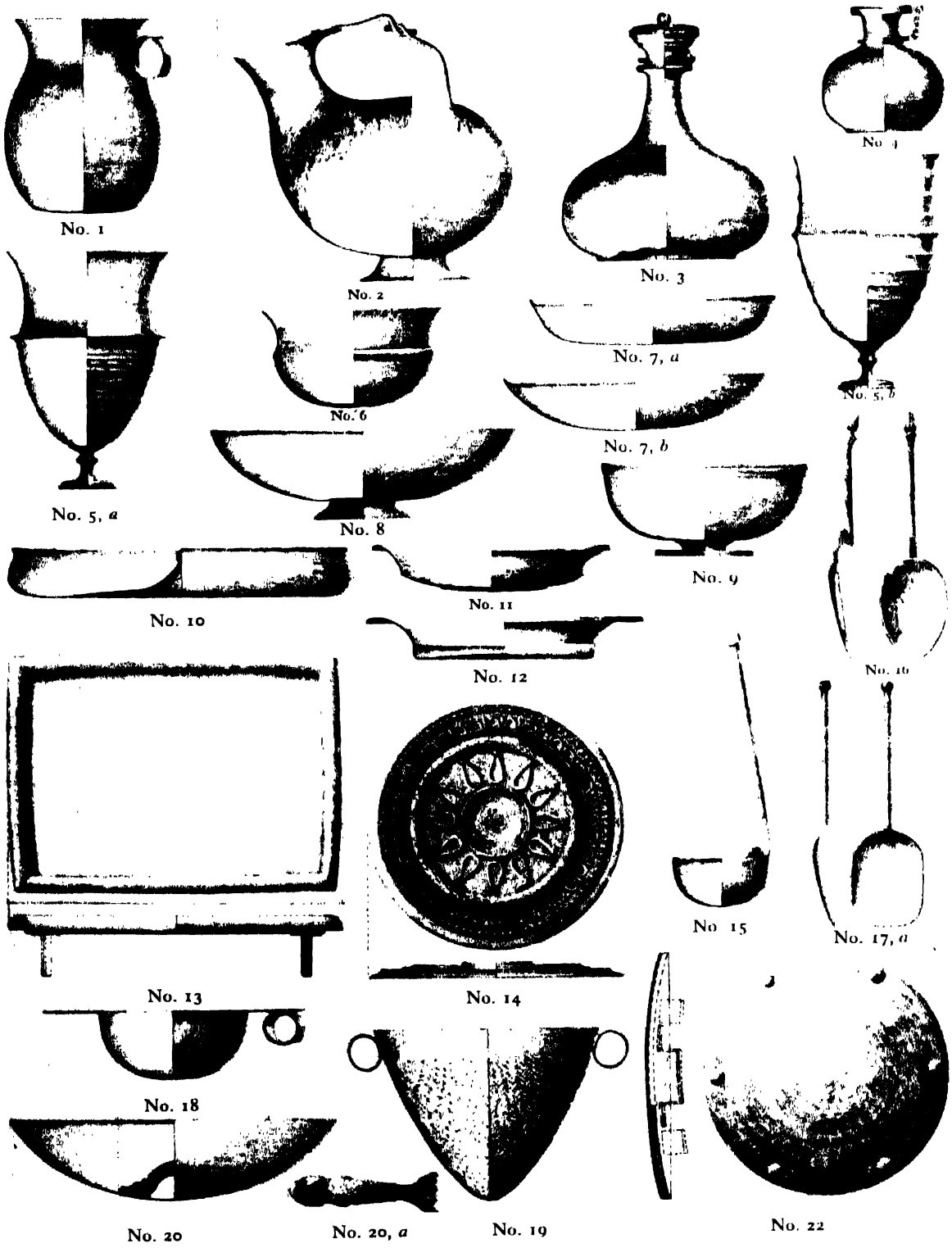
f = no. 422

g = no. 423

h = no. 424

i = no. 425

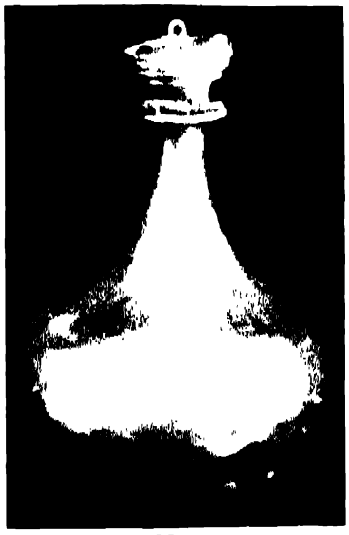
SILVERWARE


No. 1
No. 2
No. 3
No. 4
No. 5, a
No. 6
No. 7, a
No. 5, b
No. 7, b
No. 8
No. 9
No. 10
No. 11
No. 12
No. 16
No. 13
No. 14
No. 15
No. 17, a
No. 18
No. 20
No. 20, a
No. 19
No. 22

SILVERWARE

No. 1

No. 2



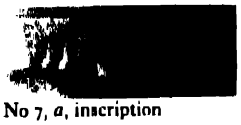
No. 3

No. 4

No. 5, *b*

No. 5, *a*

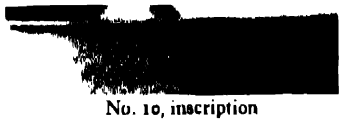
No. 9



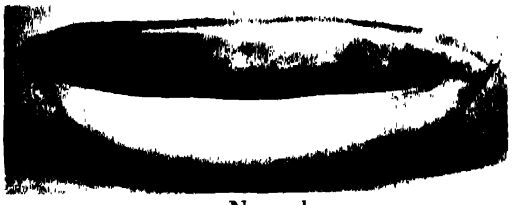
No 7, *a*, inscription

No. 7, *b*, inscription

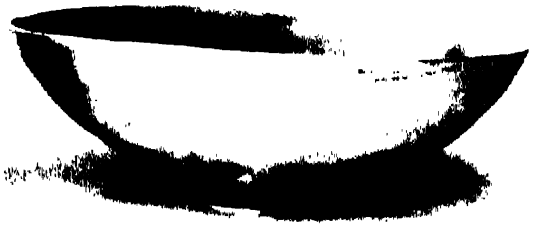
No. 7, *a*



No. 10, inscription

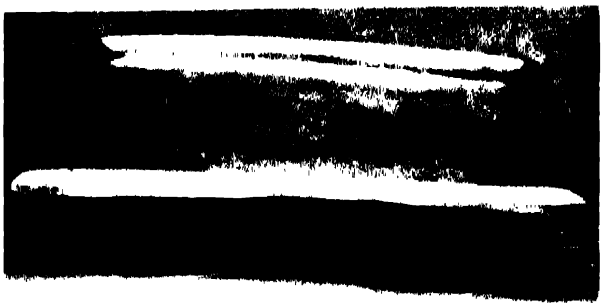


No. 7, *b*



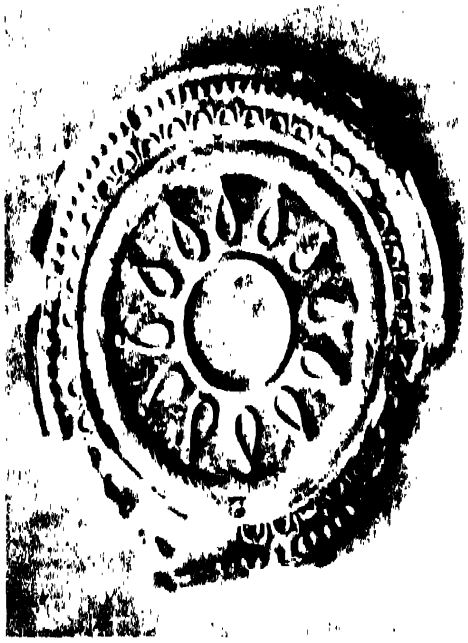
No. 8, *a*

No. 10



No. 13

SILVERWARE



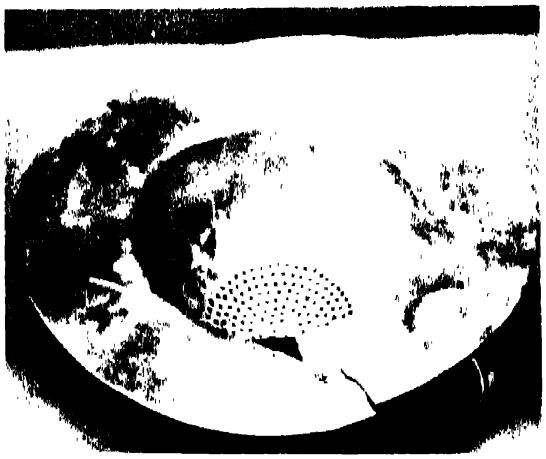
No. 14, *a*

No. 16

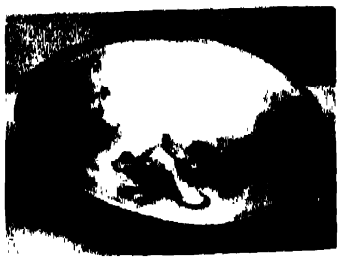
No. 14, *b*

No. 12

No. 17, *a* No. 17, *b*

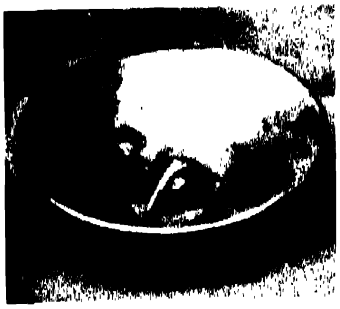


No. 18



No. 20, *a*

No. 19



No. 20, *b*

No. 20, *a*, handle

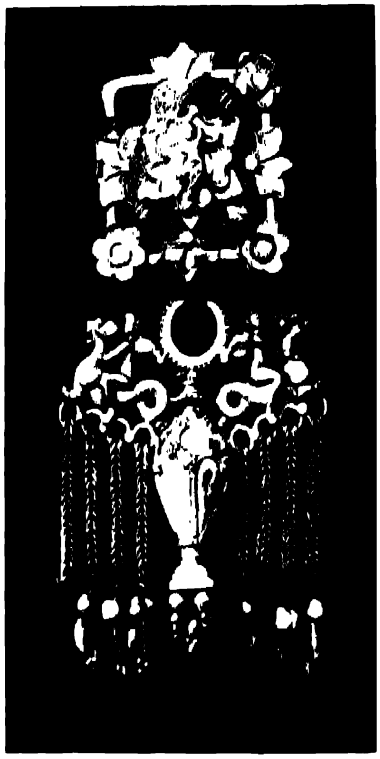
No. 20, *b*, handle

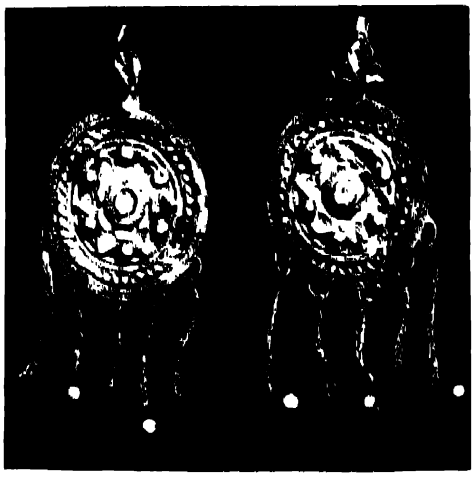
PLATE 190

JEWELLERY

a = no. 1

b = nos. 7, 8





d = nos. 3, 4

f = nos. 5, 6

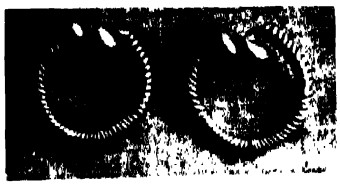
e = nos. 26–8

g = nos. 9, 10

h = no. 15

i = nos. 11, 12

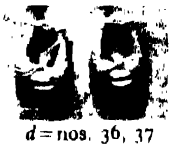
JEWELLERY



a = nos. 31, 32

b = nos. 33, 34

c = no. 35

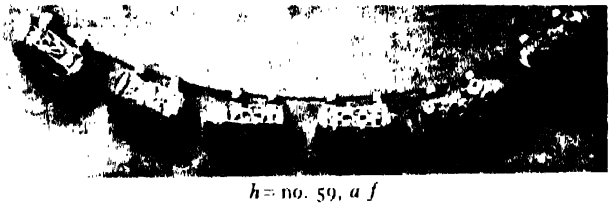


d = nos. 36, 37

e = nos. 44, 45

f = no. 47

g = nos. 48–51



h = no. 59, *a f*

i = no. 52

j = no. 69

k = no. 74

l = no. 91

m = no. 92

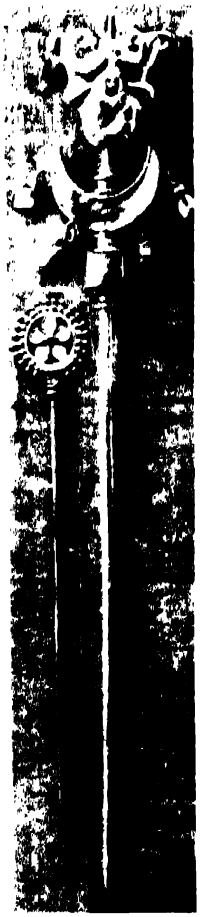
n = no. 95

o = no. 80

p = no. 82

q = no. 84

r = nos. 179–98



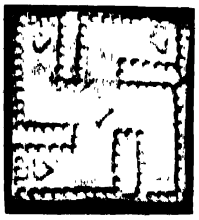
z = nos. 100, 101

s = no. 96

t = no. 97

u = no. 98

bb = nos. 212, 213



v = no. 85

w = no. 99

x = no. 167

y = no. 168

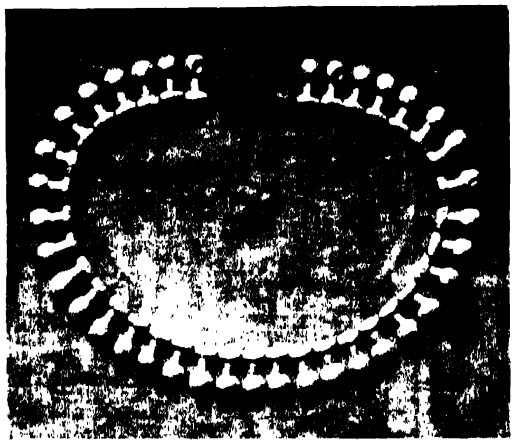
aa = no. 173

PLATE 192

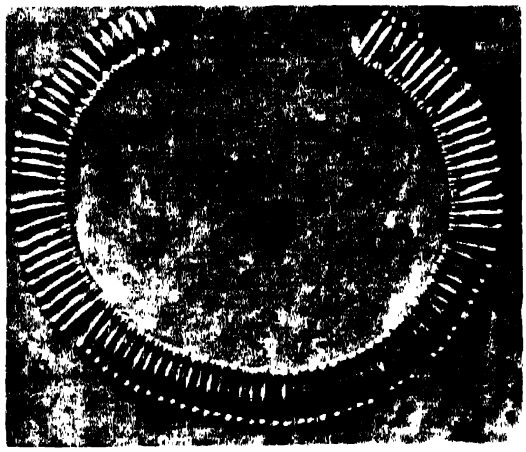
JEWELLERY

a = no. 54

b = no. 70

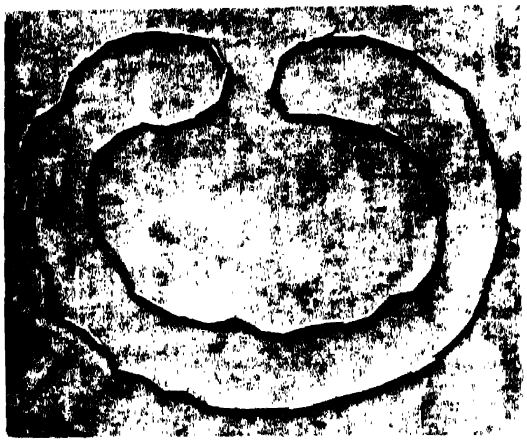


c = no. 55

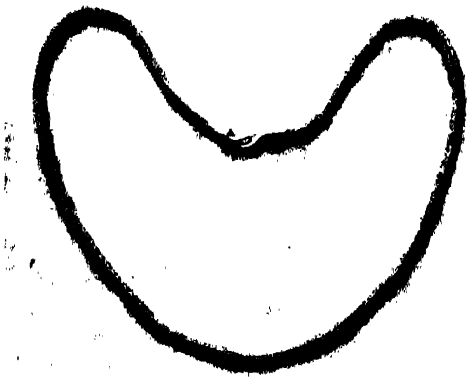


d = no. 62

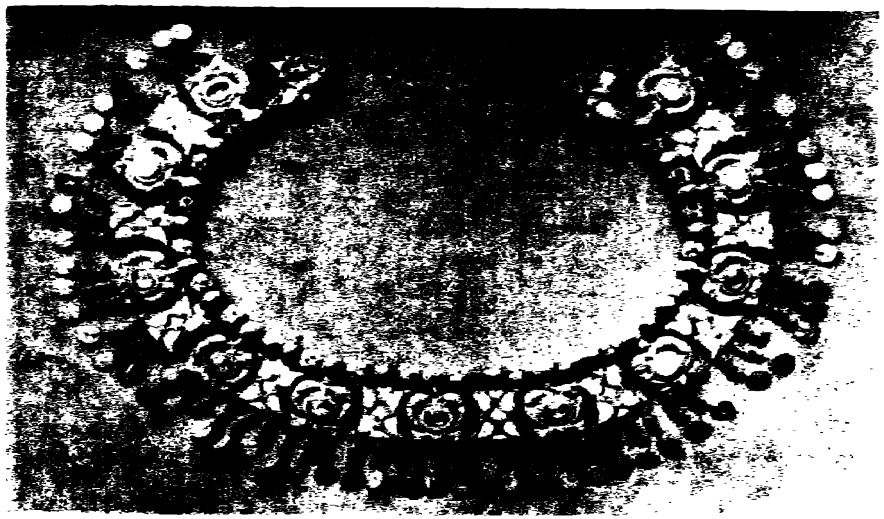
e = nos. 63, 64



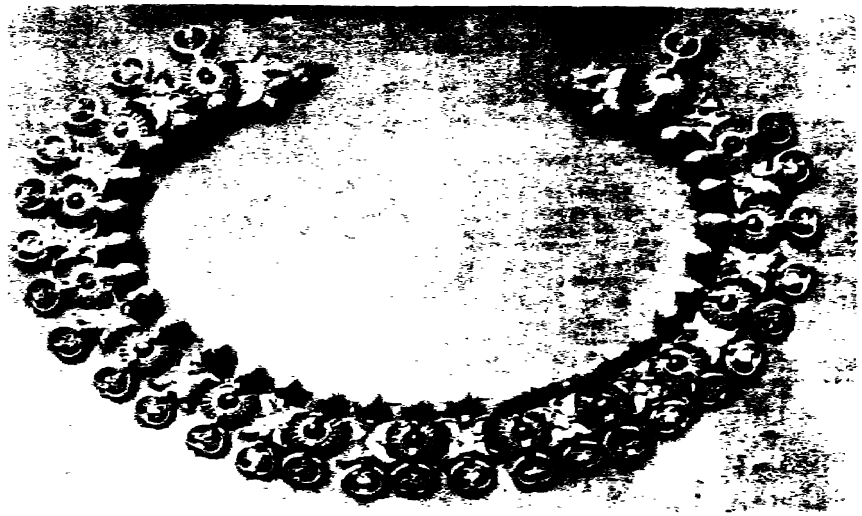
f = no. 66



g = no. 68

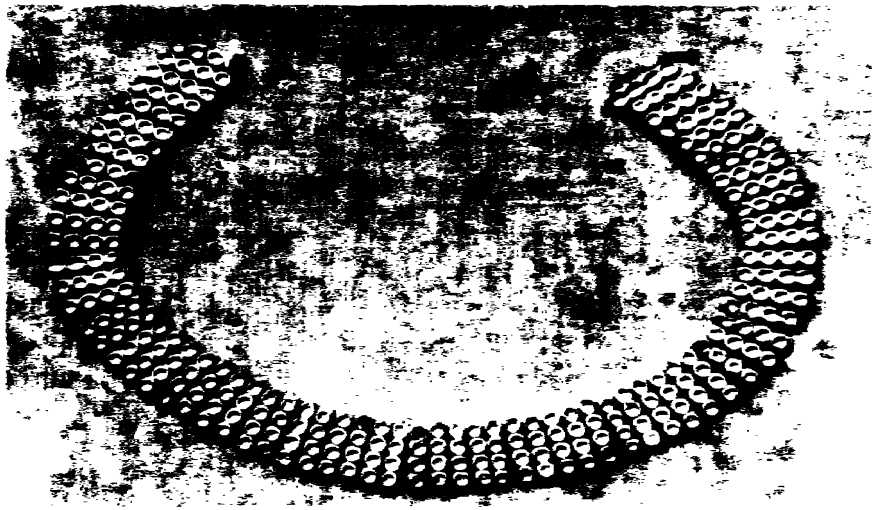


No. 56



No. 57

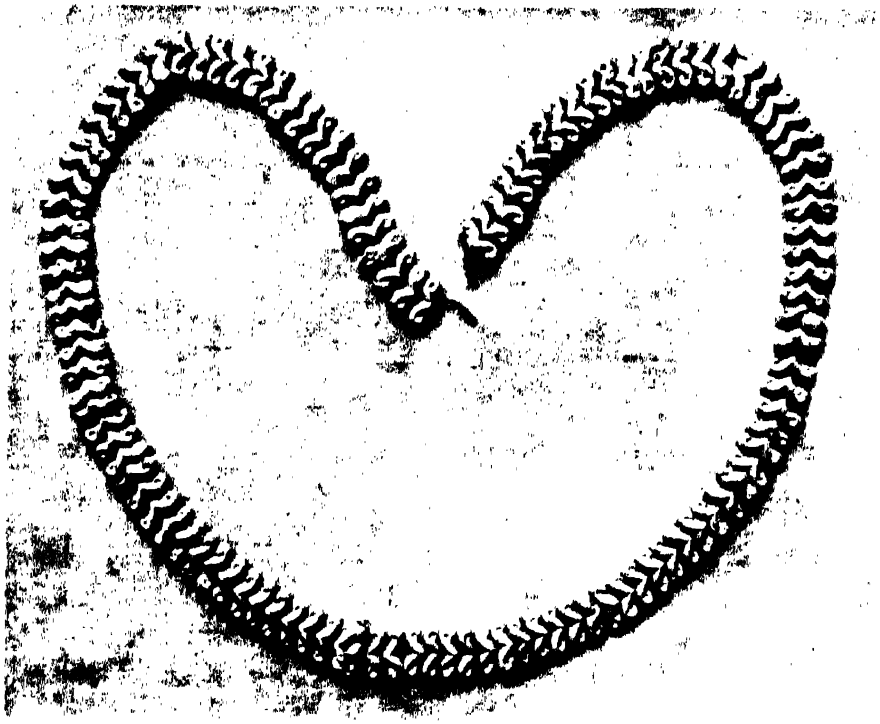
No. 58



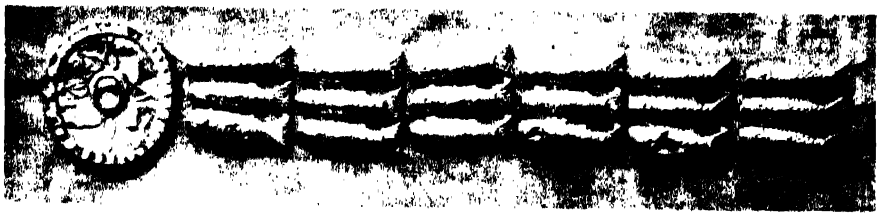
No

PLATE 194

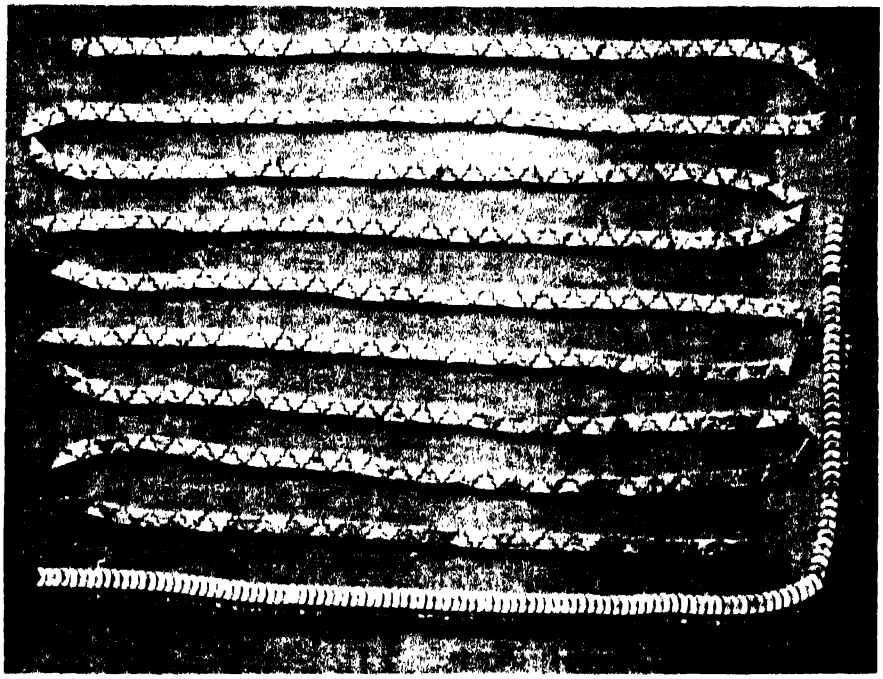
JEWELLERY



a = no. 77

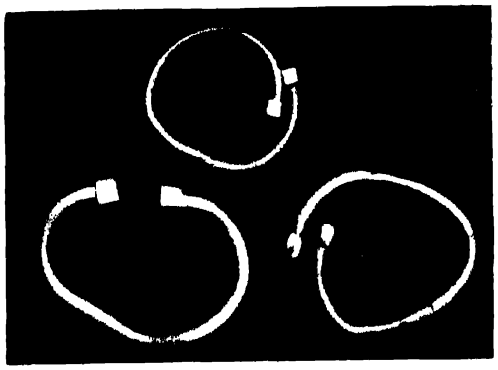


b = no. 78

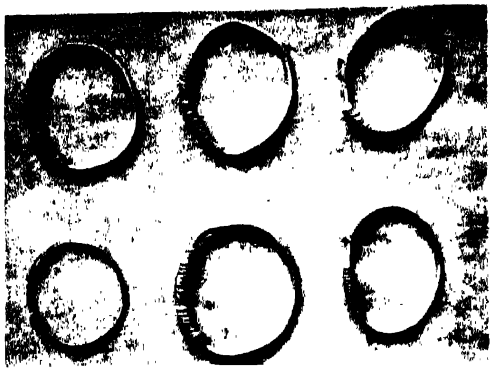


c, *d* = nos. 75, 76

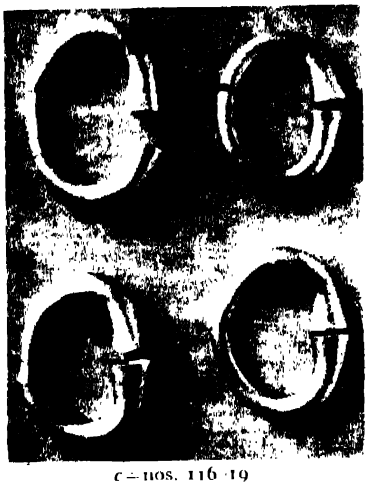
JEWELLERY



a = nos. 102, 103

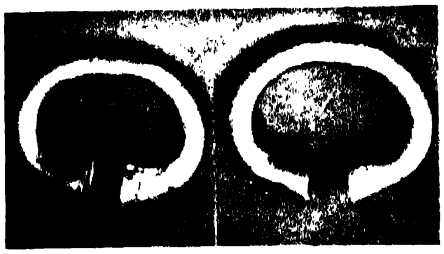


b = nos. 105–15



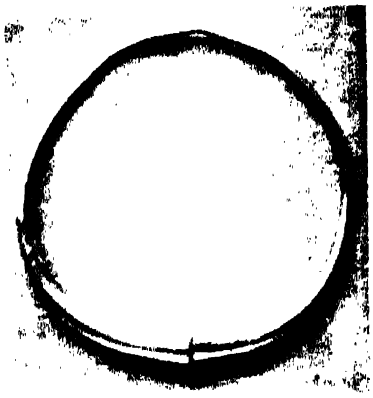
c = nos. 116–19

d = nos. 125–32



f = nos. 120, 121

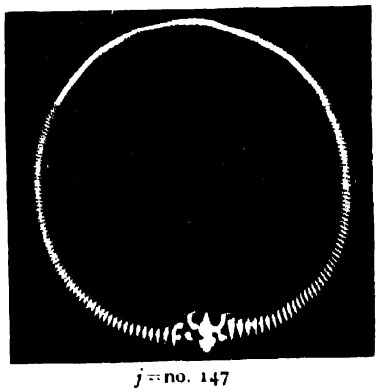
e = Copper, Bronze and Lead Objects, no. 7



h = no. 146

i = nos. 133–6

g = nos. 125–32

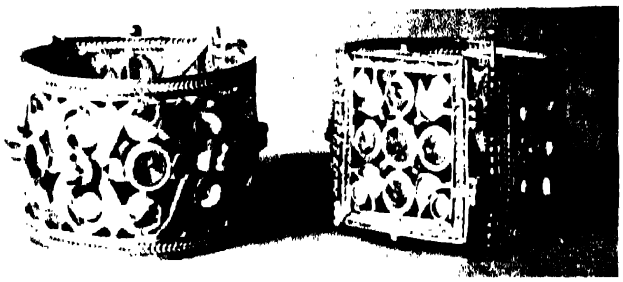


j = no. 147

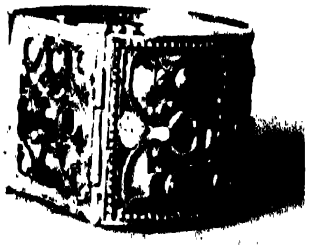
k = no. 144

PLATE 196

JEWELLERY

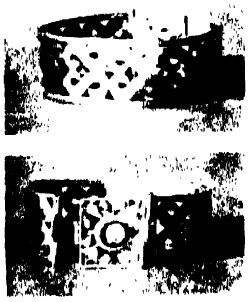


a = nos. 137, 138

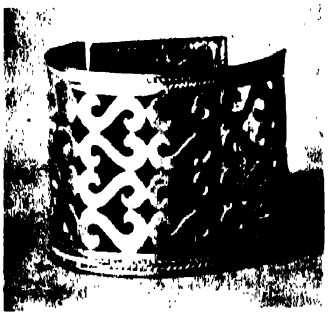


b = no. 139

c = no. 140



d = nos. 142, 143



e = no. 141

f = nos. 152–65

g = nos. 148–51

FINGER-RINGS

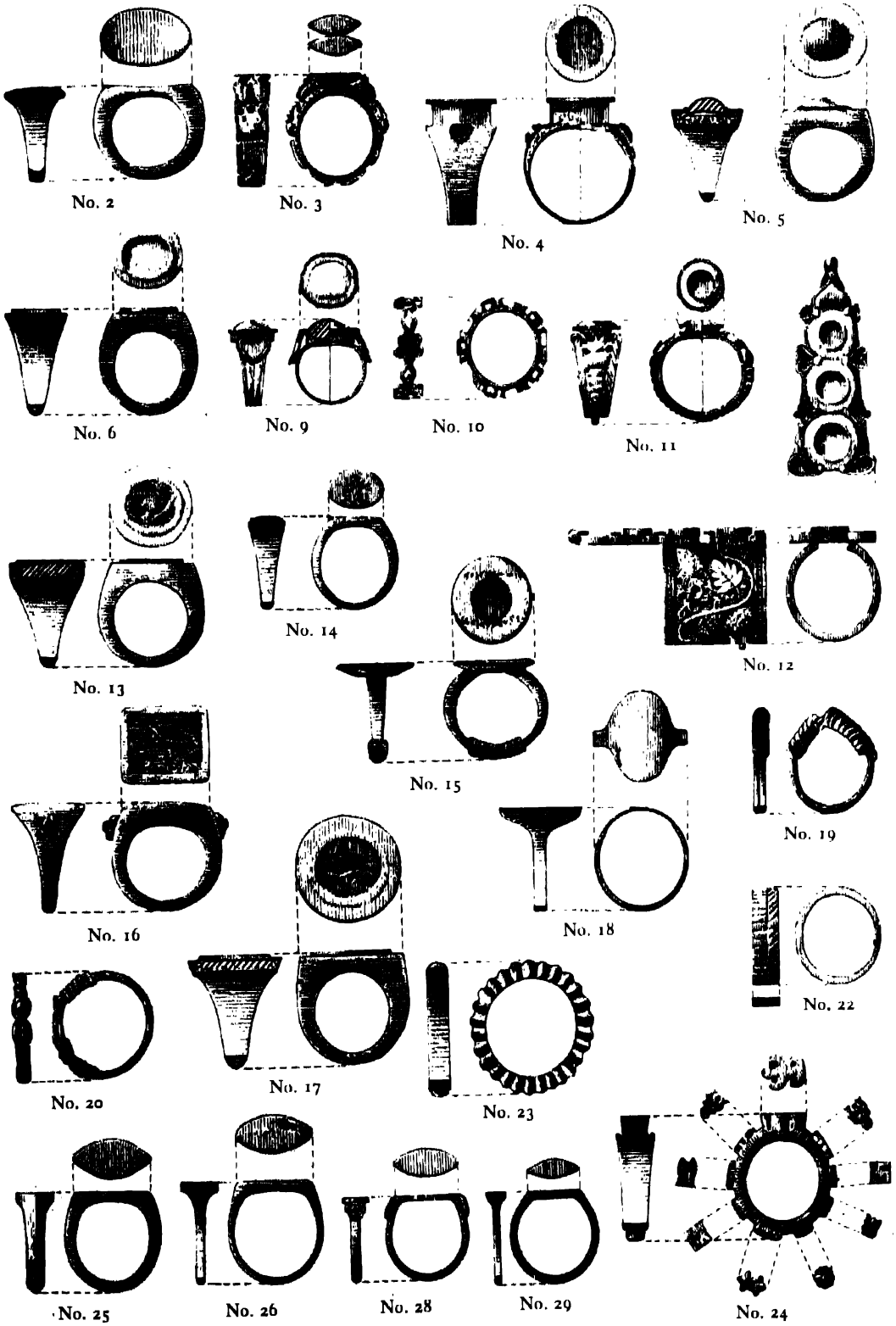
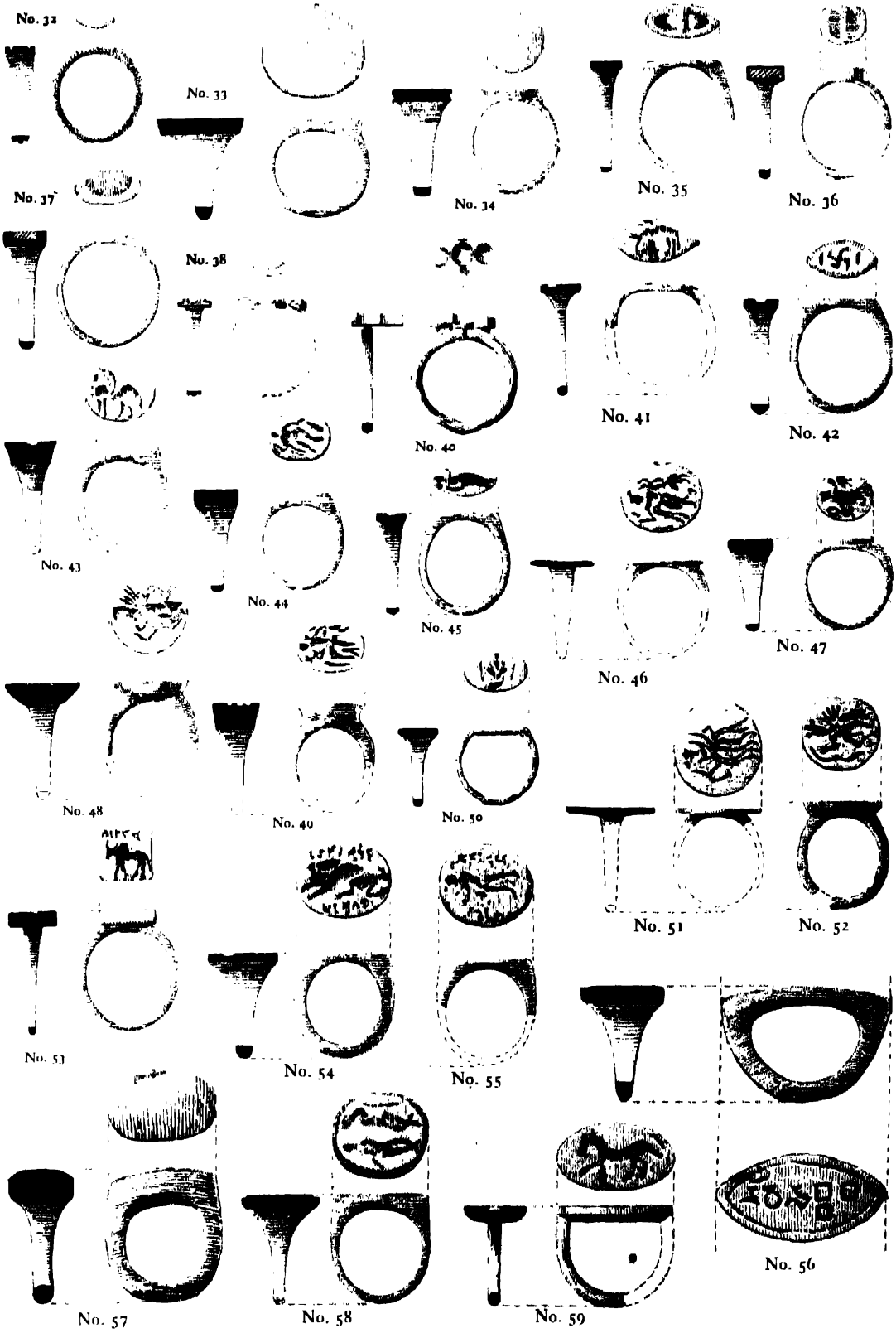


PLATE 198

FINGER-RINGS



BONE AND IVORY OBJECTS

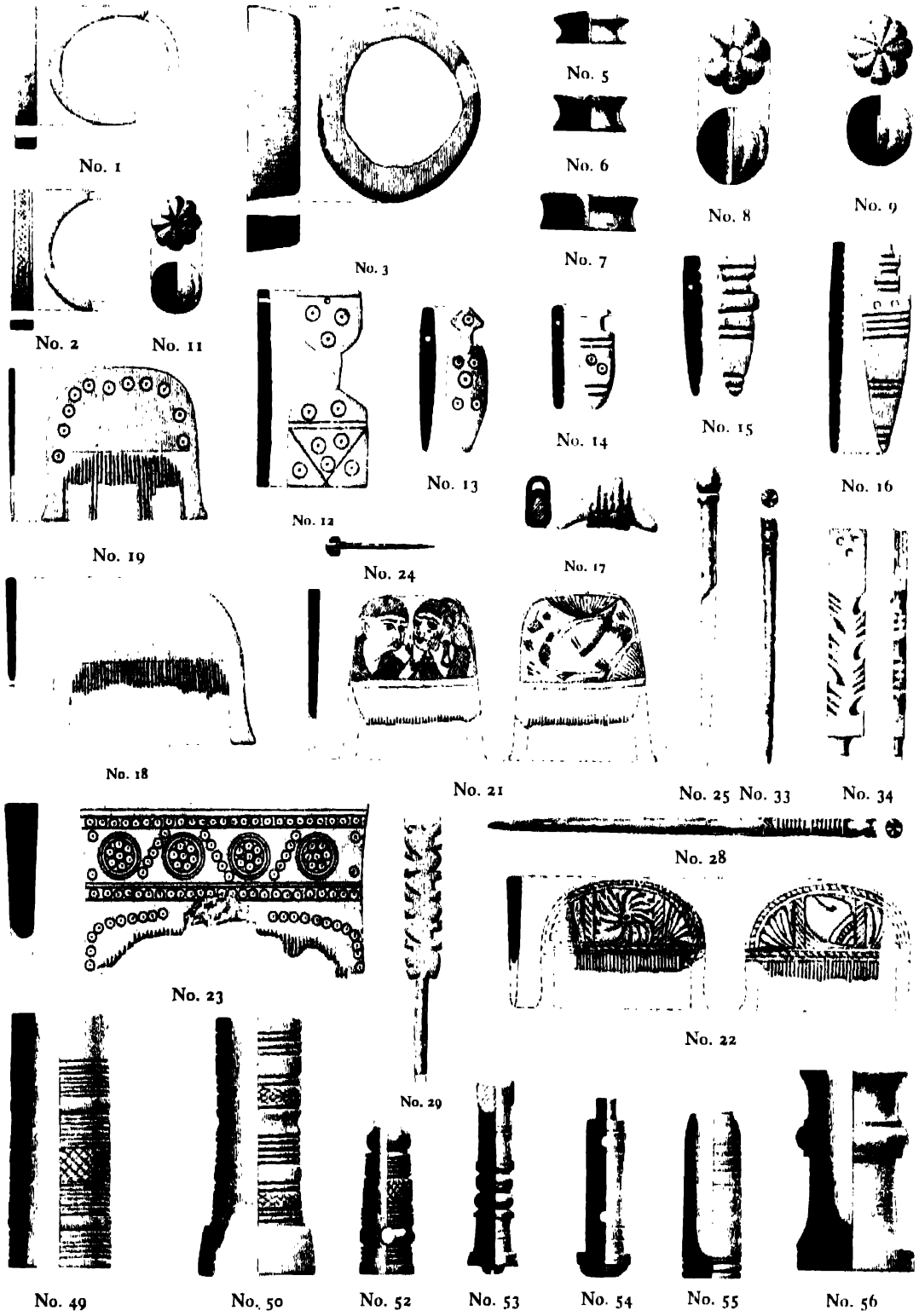
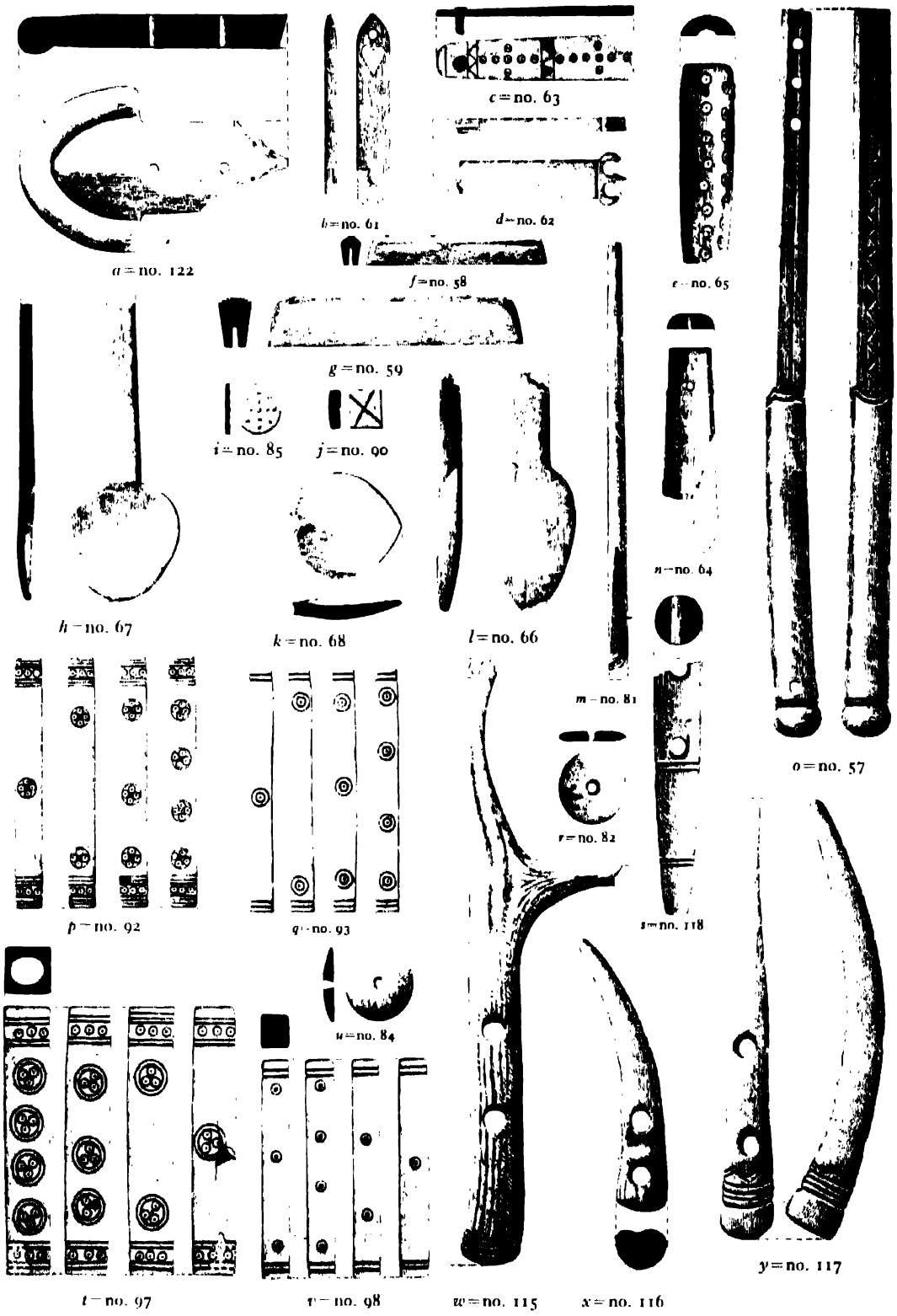


PLATE 200

BONE AND IVORY OBJECTS



SHELL OBJECTS

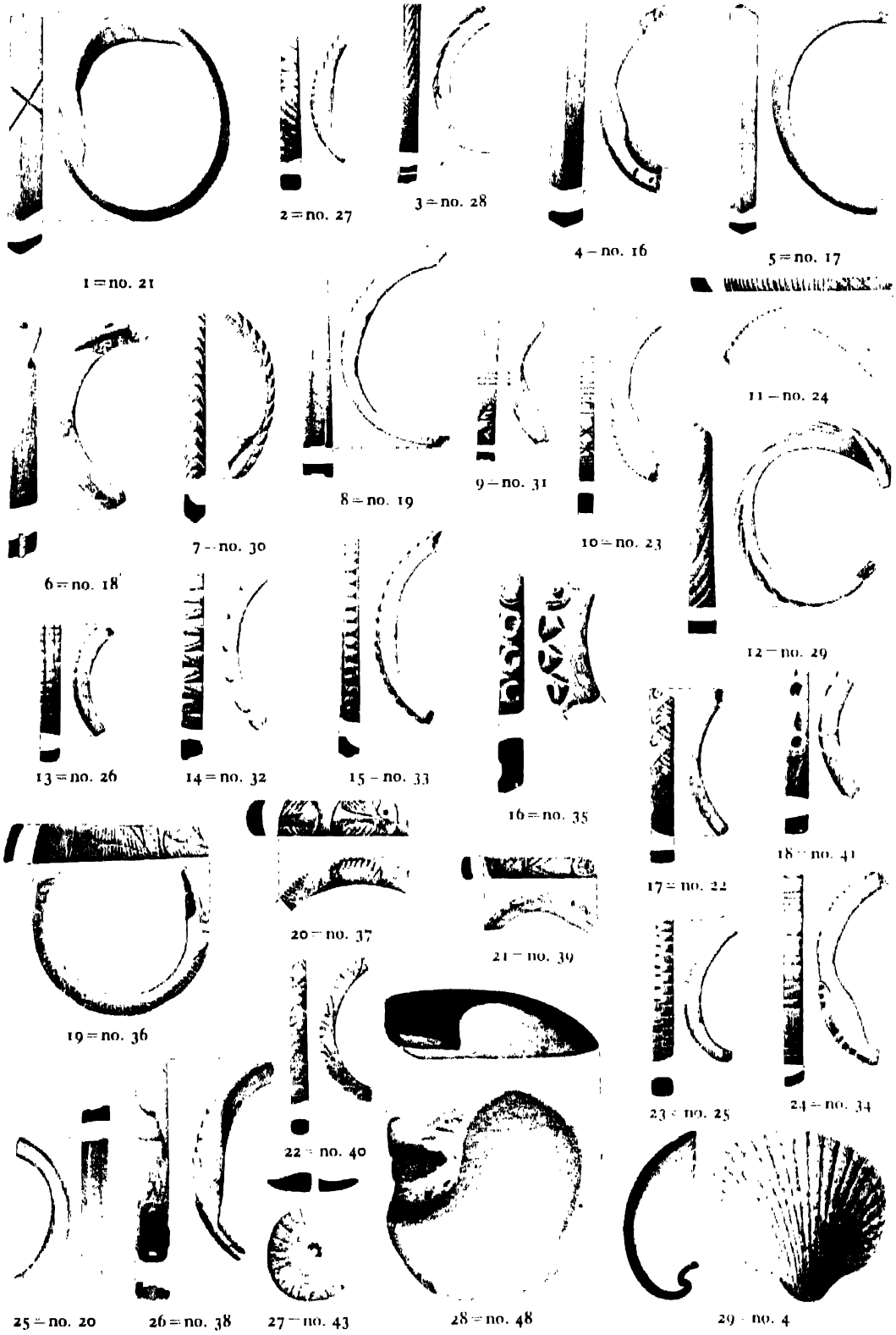


PLATE 202

SHELL OBJECTS

a = no. 46

b = no. 2

c = no. 5, *a*

d = no. 3

e = no. 4

f = no. 5, *b*

g = no. 1

h = no. 43

i = no. 6

j, *k* = no. 7

l = no. 8

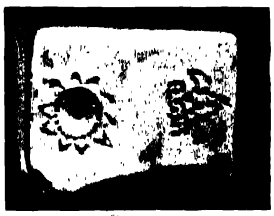
m = no. 13 *n* = no. 9 *o* = no. 10

p = no. 12 = *q* *r* = no. 11 = *s*

MISCELLANEOUS OBJECTS OF POTTERY, STONE, BONE AND IVORY AND SHELL

a = P. no. 270

b = P. no. 271



c = St. no. 145

d = St. no. 147, *a*

e = St. no. 147, *b*

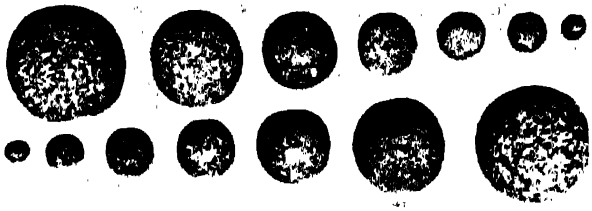
f = St. no. 151

g = St. no. 152

h = St. no. 158, *a*

h = St. no. 158, *b*

i = St. no. 140, *a*



j = St. Class XXVIII

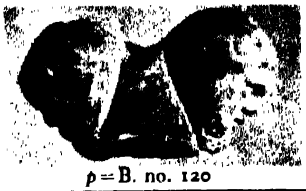
k = B. no. 43

l = B. no. 45

m = B. no. 46

n = B. no. 47

o = B. no. 121



p = B. no. 120

w = Sh. no. 44

x = Sh. no. 45

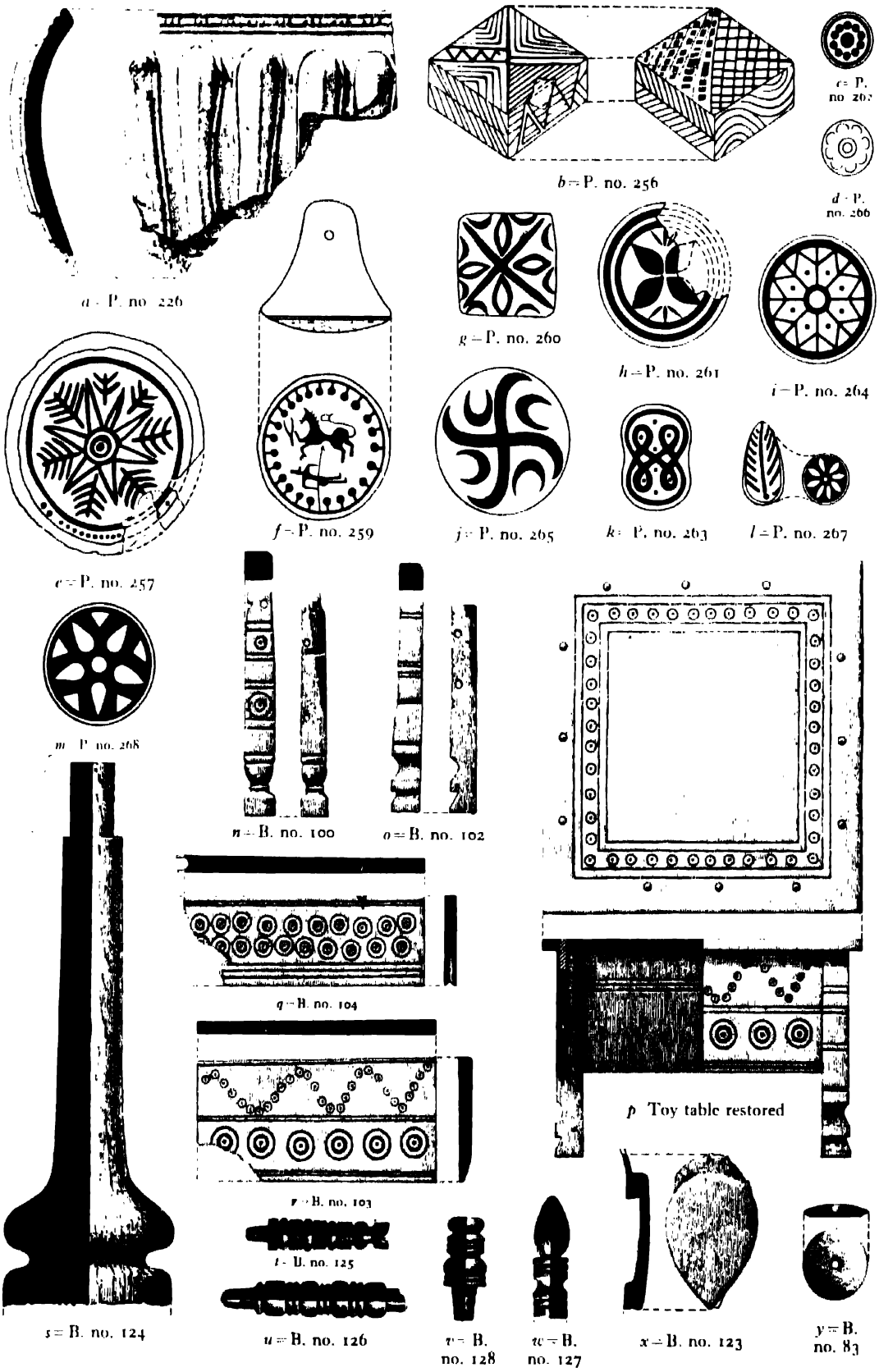
q = no. 86 *r* = no. 82 *s* = no. 87 *t* = no. 88 *u* = no. 91 *v* = no. 89

Bone and Ivory

B. = Bone and Ivory; P. = Pottery; Sh. = Shell; St. = Stone.

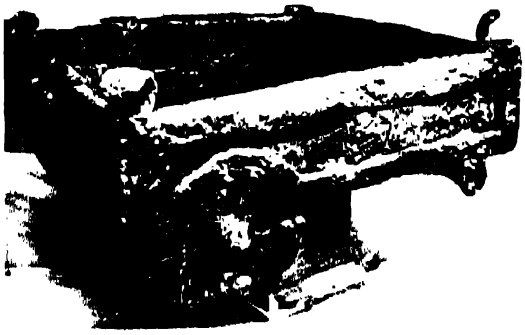
PLATE 204

POTTERY AND BONE AND IVORY OBJECTS



B. = Bone and Ivory; P. = Pottery.

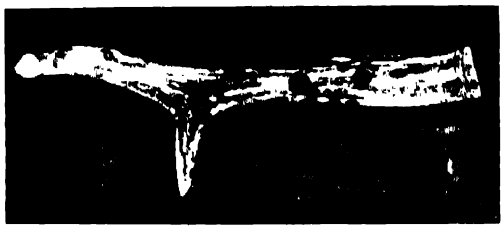
IRON, BONE AND SHELL OBJECTS



a = I. no. 37

b = Horse's bit from Central Asia

c = I. no. 96



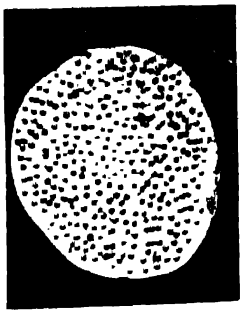
e = B. no. 115

d = I. nos. 132, 147

f = Sh. no. 49

g = I. no. 190

h = Sh. no. 50



i = B. no. 60

j = I. no. 198

B. = Bone and Ivory; I. = Iron; Sh. = Shell.

BONE AND IRON OBJECTS

For nos. 1–11 see 'Bone and Ivory', Class XVIII.

For nos. 12–22 see *ibid.* Class VI.

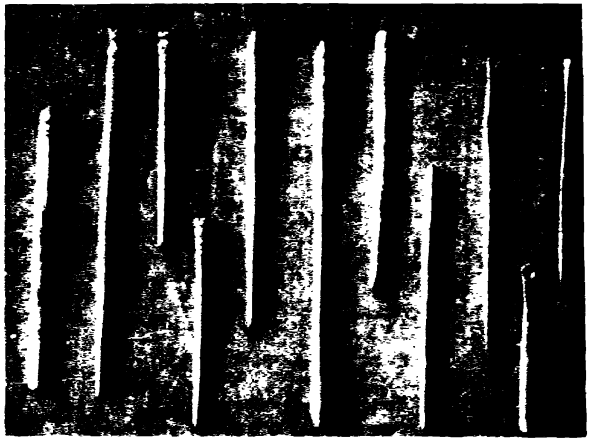
For nos. 23–9 see *ibid.* Class VII.

For nos. 30–8 see *ibid.* Class XII.

For nos. 39–51 see 'Iron Objects', Class XX.

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16 17 18



20 21 23 25 27 29

19 22 24 26 28

30 31 32 33 34 35 36 37 38

39 40 41 42 43

44 45 46 47 48 49 50 51

SEALS AND FINGER-RINGS

1 = S. no. 11

1, *a*

2 = S. no. 9

3 = S. no. 10

4 = S. no. 12

5 = S. no. 8

6 = S. no. 14

7 = S. no. 1

10, *a* = R. no. 71, *a*

10, *b*

10, *c*

10, *d*

8 = S. no. 2

9 = R. no. 74

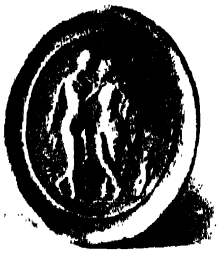
10, *e*

10, *f*

10, *g*

10, *h*

10, *i*



11 = S. no. 30

11, *a*

12 = S. no. 15

13 = S. no. 29

14 = S. no. 33

15 = R. no. 75

16 = R. no. 41

17 = S. no. 28

18 = R. no. 51

19 = S. no. 35

20 = S. no. 32

21 = S. no. 4

22 = S. no. 6

23 = S. no. 5

24 = S. no. 35

25 = S. no. 34

26, *a*, *b* = S. no. 41

27 = R. no. 43

28 = S. no. 39

29 = S. no. 42

30 = S. no. 40

31 = S. no. 43

32 = S. no. 36

33 = R. no. 46

34 = S. no. 31

35 = R. no. 53

36 = R. no. 54

37 = S. no. 18

R. = Finger-rings; S. = Seals.

PLATE 208

SEALS AND FINGER-RINGS

38 – S. no. 18

39 – S. no. 16

40 – S. no. 17

41 – S. no. 20

42 – R. no. 59

43 – S. no. 19

44 – S. no. 37

45 – S. no. 24

46 – R. no. 55

47 – R. no. 58

48 – S. no. 22

49 – S. no. 23

50 – S. no. 24

51 – Sh. no. 42

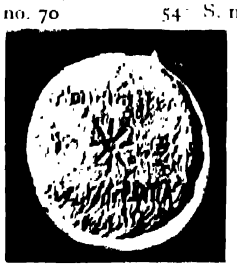
52 – B. no. 119

53 – R. no. 70

54 – S. no. 25

55 – S. no. 21

56 – S. no. 26



57 – S. no. 27

58 – R. no. 56

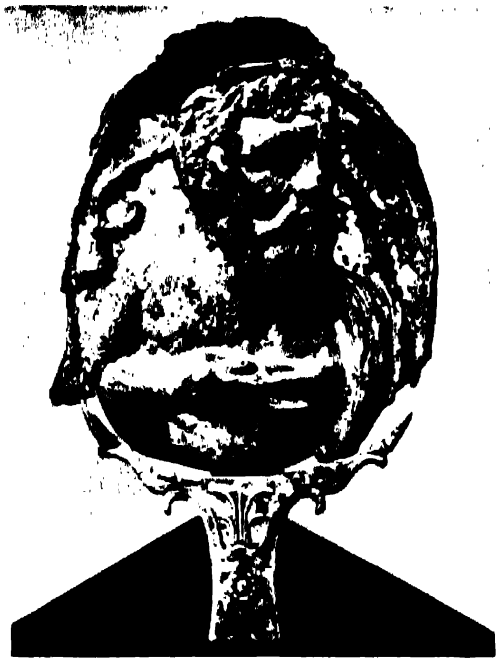
59, *a* – S. no. 38 obv.

59, *b* – S. no. 38 rev.

B. – Bone and Ivory; R. = Finger-rings; S. = Seals; Sh. = Shell.

FINGER-RINGS, SILVERWARE AND GLASSWARE

b = R. no. 62



a = Sl. no. 21

d = R. no. 64

c = R. no. 63

e = R. no. 65

f = R. no. 61

g = R. no. 60

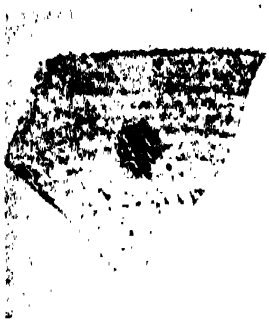
i = G. no. 13

j = G. no. 11

h = G. no. 12

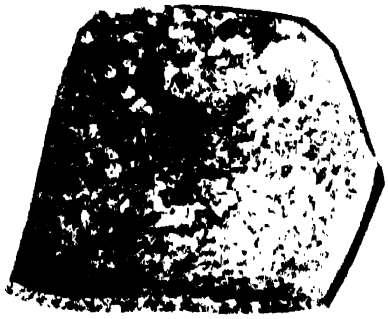
k = G. no. 8

l = G. no. 9



m = G. no. 6

n = G. no. 10



o = G. no. 15

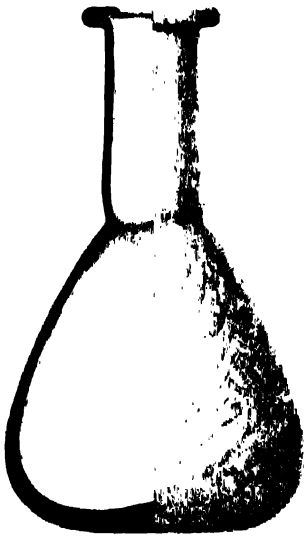
p = G. no. 18

G. = Glass; R. = Finger-rings; Sl. = Silverware.

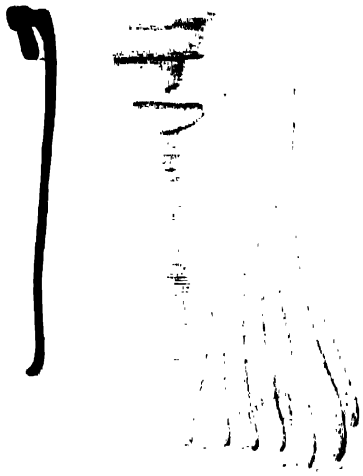
GLASS AND WOOD

a = G. no. 3

b = G. no. 2

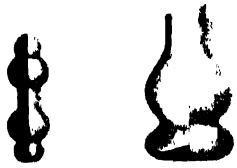


c = G. no. 1



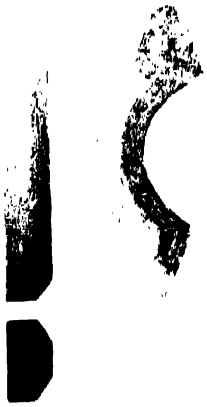
d = G. no. 4

e = G. no. 18

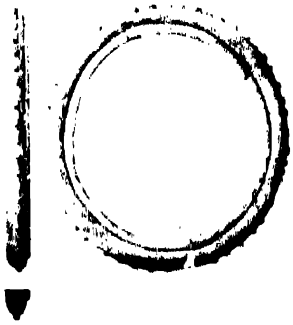


f = G. no. 22 *g* = G. no. 5

h (cf. Pl. 20, *b*)



i



j = G. Class II

G. = Glass

STONE SCULPTURES

No. 3, *a*

No. 1

No. 3, *b*

No. 4, *a*

No. 2

No. 4, *b*

PLATE 212

STONE SCULPTURES

No. 5, *a*

No. 5, *b*

No. 8

No. 6

No. 7

STONE SCULPTURES

No. 9

No. 11

No. 10

No. 12

No. 13

No. 14

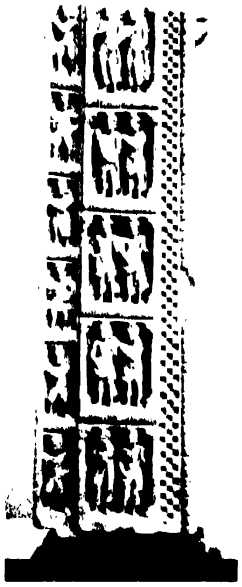
No. 18

No. 16

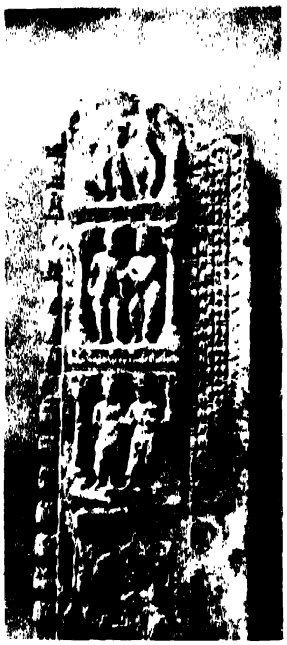
No. 19

PLATE 214

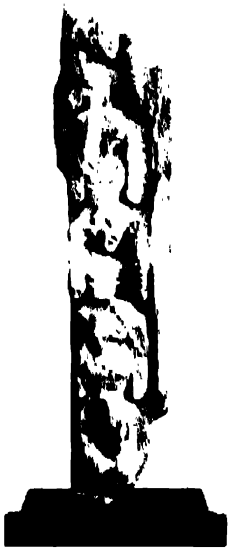
STONE SCULPTURES



No. 22



No. 23



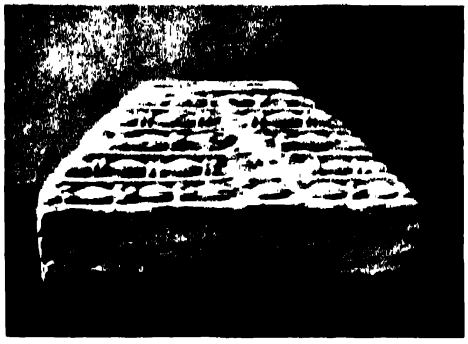
No. 24

No. 25

No. 27, *a* No. 27, *b*

No. 27, *c* No. 27, *d*

No. 28



No. 29 (inverted)

No. 35

STONE SCULPTURES

No. 37

No. 38

No. 39

No. 51

No. 46 No. 45

No. 53

No. 59

No. 60

PLATE 216

STONE SCULPTURES

No. 62

No. 67

No. 68

No. 69

No. 72

No. 73

No. 70

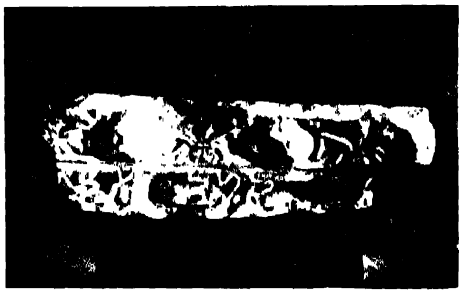
No. 77

STONE SCULPTURES

No. 76

No. 78

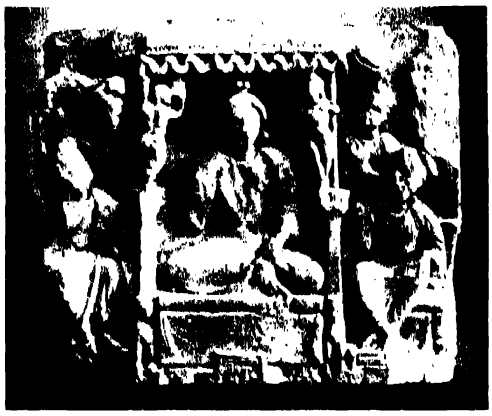
No. 80



No. 79

a No. 90 *b*

No. 89

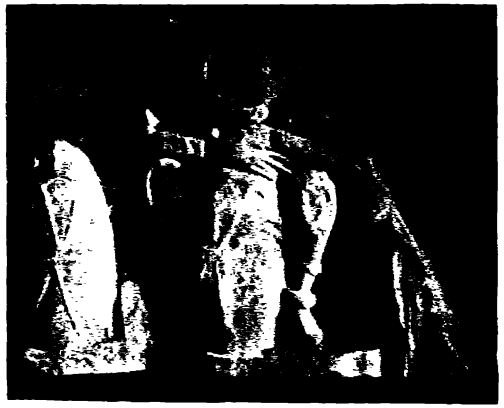


No. 93

No. 106

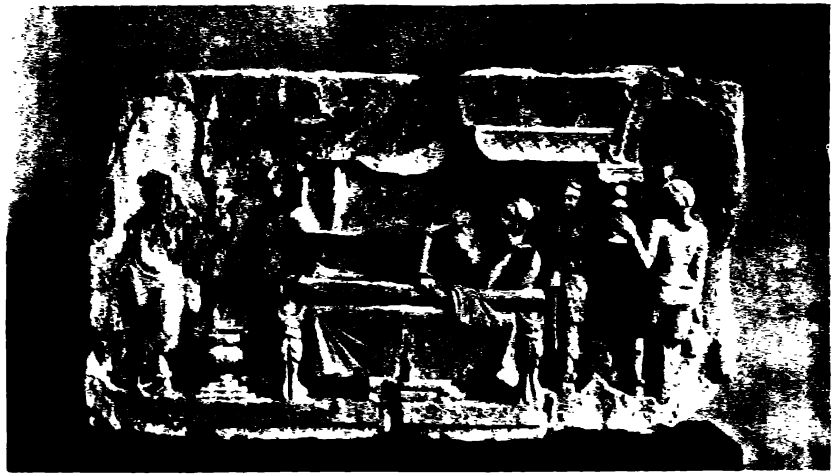
STONE SCULPTURES

No. 94



No. 98

No. 100



No. 92

No. 99

STONE SCULPTURES

No. 104

No. 105

No. 110

No. 113

PLATE 220

STONE SCULPTURES

No. 114

No. 117

No. 118

No. 119

STONE SCULPTURES

No. 121

No. 124

No. 125

No. 126

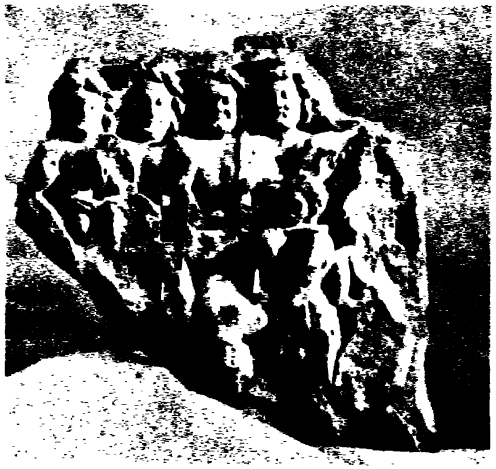
No. 129

STONE SCULPTURES

No. 132

No. 133

No. 134



No. 135

No. 136

No. 138

STONE SCULPTURES

No. 142

STONE SCULPTURES

No. 141

No. 148

No. 143

No. 144

STONE SCULPTURES

No

No. 156

No. 161

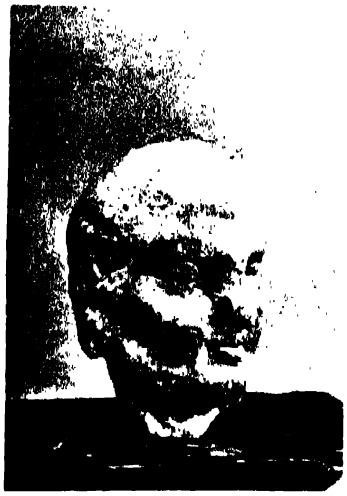
N

STONE SCULPTURES

No. 115

No. 162

No. 167



No. 166

No. 179

No. 186

No. 196

No. 197

DHARMARĀJIKĀ MONASTERY. Court J

Figs. *a*, *b*, *c* = skeleton 1 Figs. *d*, *e*, *f* = skeleton 2 Figs. *g*, *h*, *j* = skeleton 3

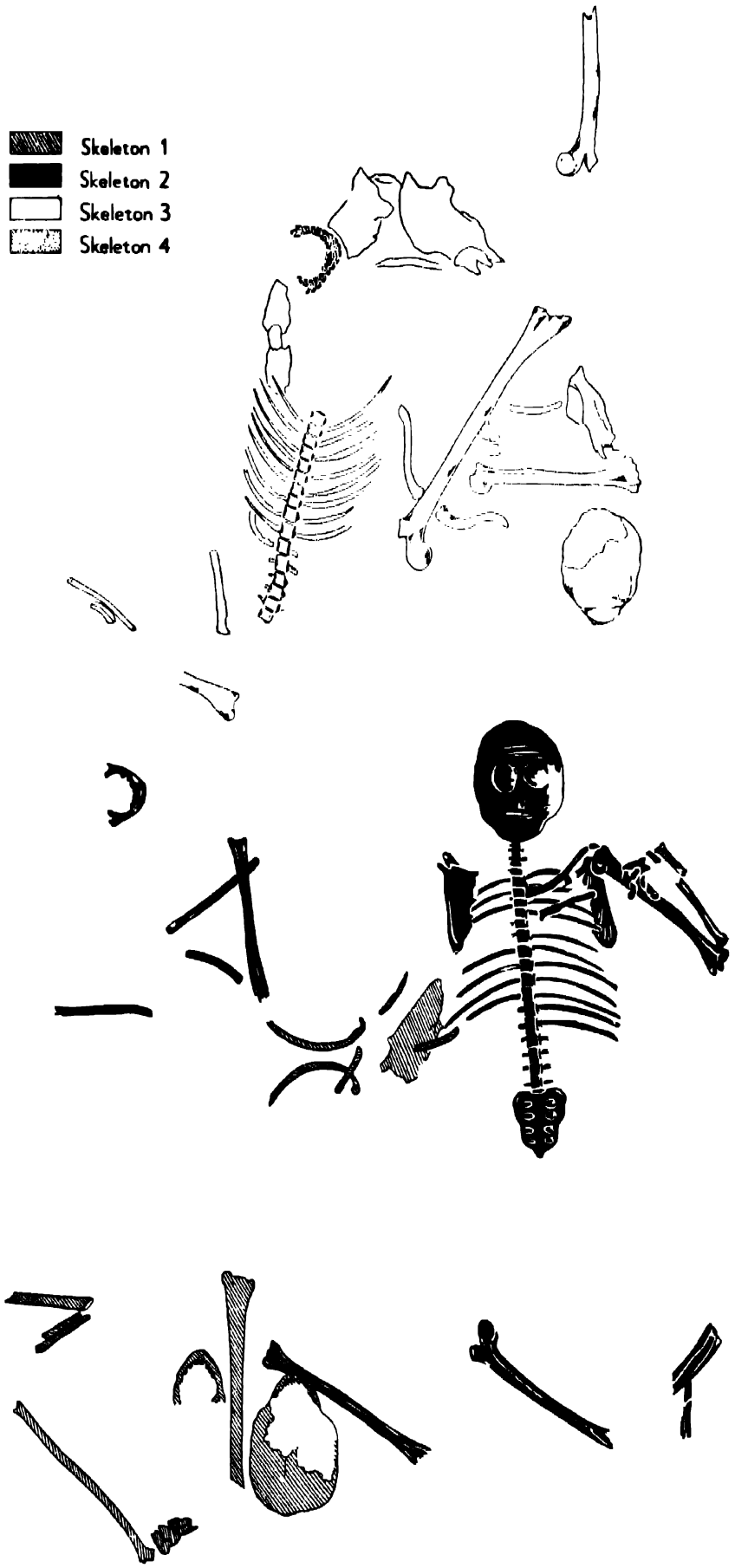
DHARMARĀJIKĀ MONASTERY. Court J

f

Figs. *a*, *b*, *c*, *d* = skeleton 5

Figs. *e*, *f* = skeleton 6

DHARMARĀJIKĀ MONASTERY. Court J

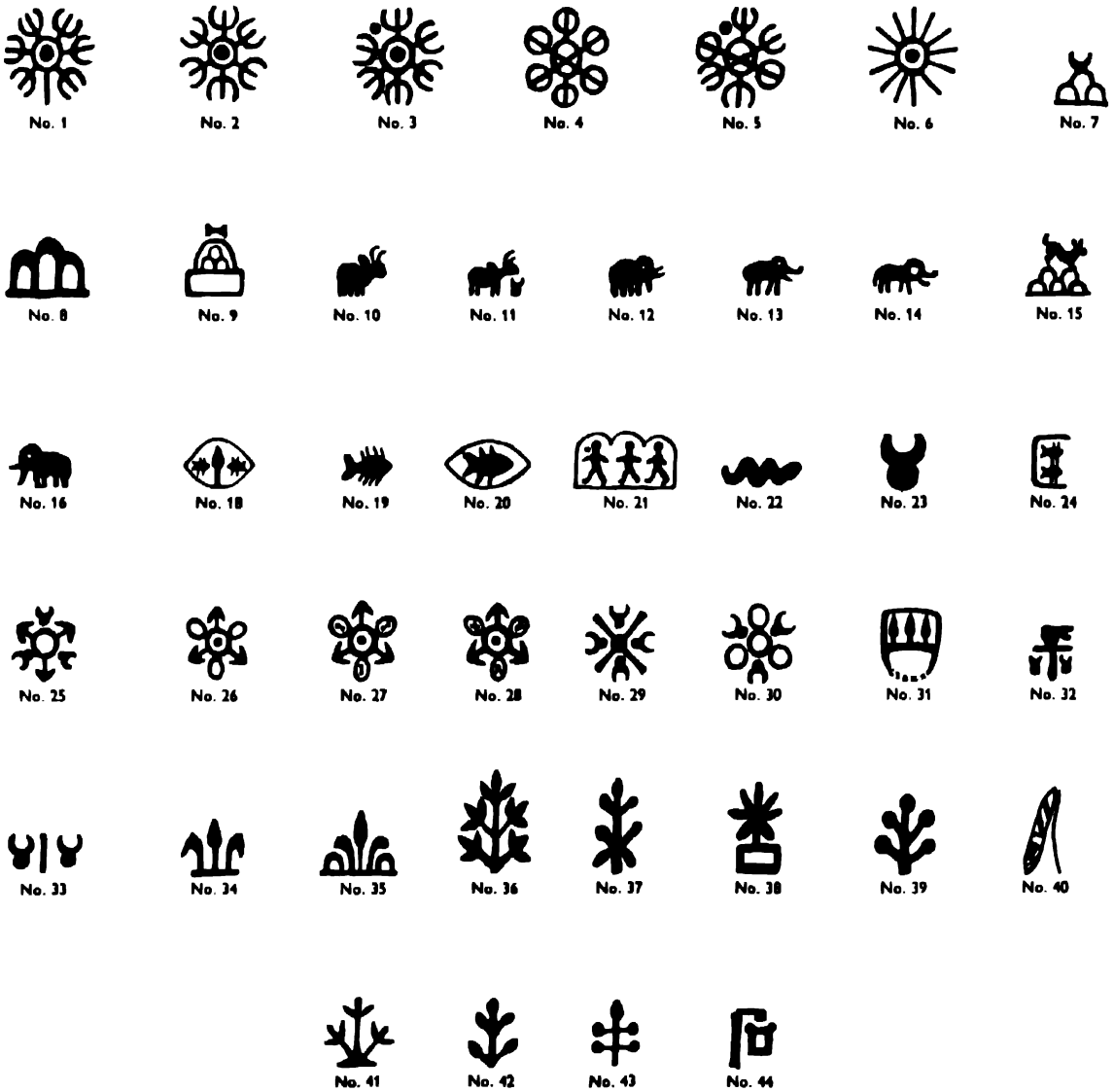


Plan showing position of skeletal remains.

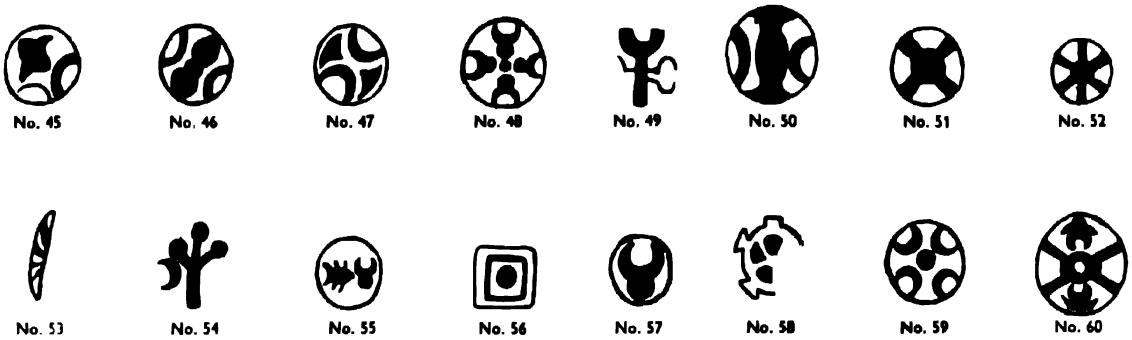
PLATE 230

PUNCH-MARKED COINS

OBVERSE

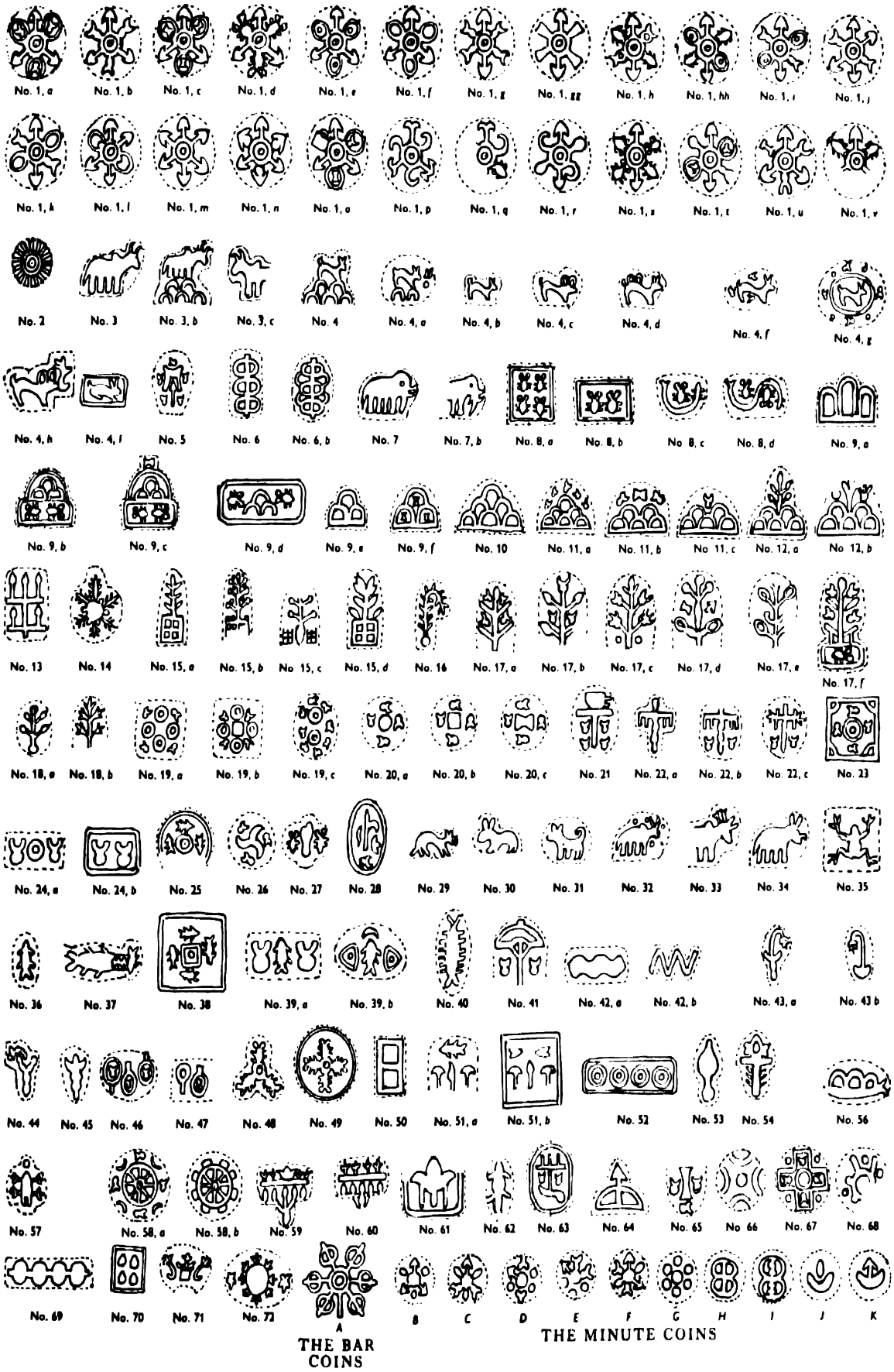


REVERSE



Devices on punch-marked coins other than those contained in the two Bhir Mound hoards.

PUNCH-MARKED COINS



Obverse devices on older class of punch-marked coins from the Bhir Mound.

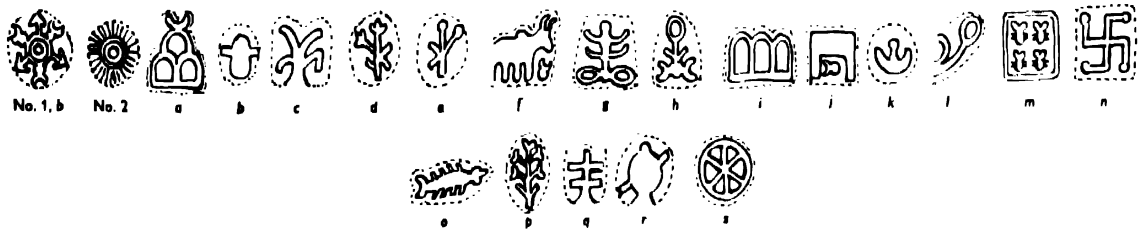
29 - 2

PUNCH-MARKED COINS

Reverse devices on older class of punch-marked coins from the Bhir Mound.

A. THE OLDER COINS
REVERSE MARKS (CONTINUED)

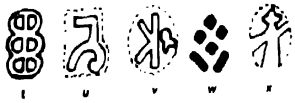
B. THE LATER COINS
OBVERSE MARKS



REVERSE MARKS

Varieties of the 'Taxila Mark'

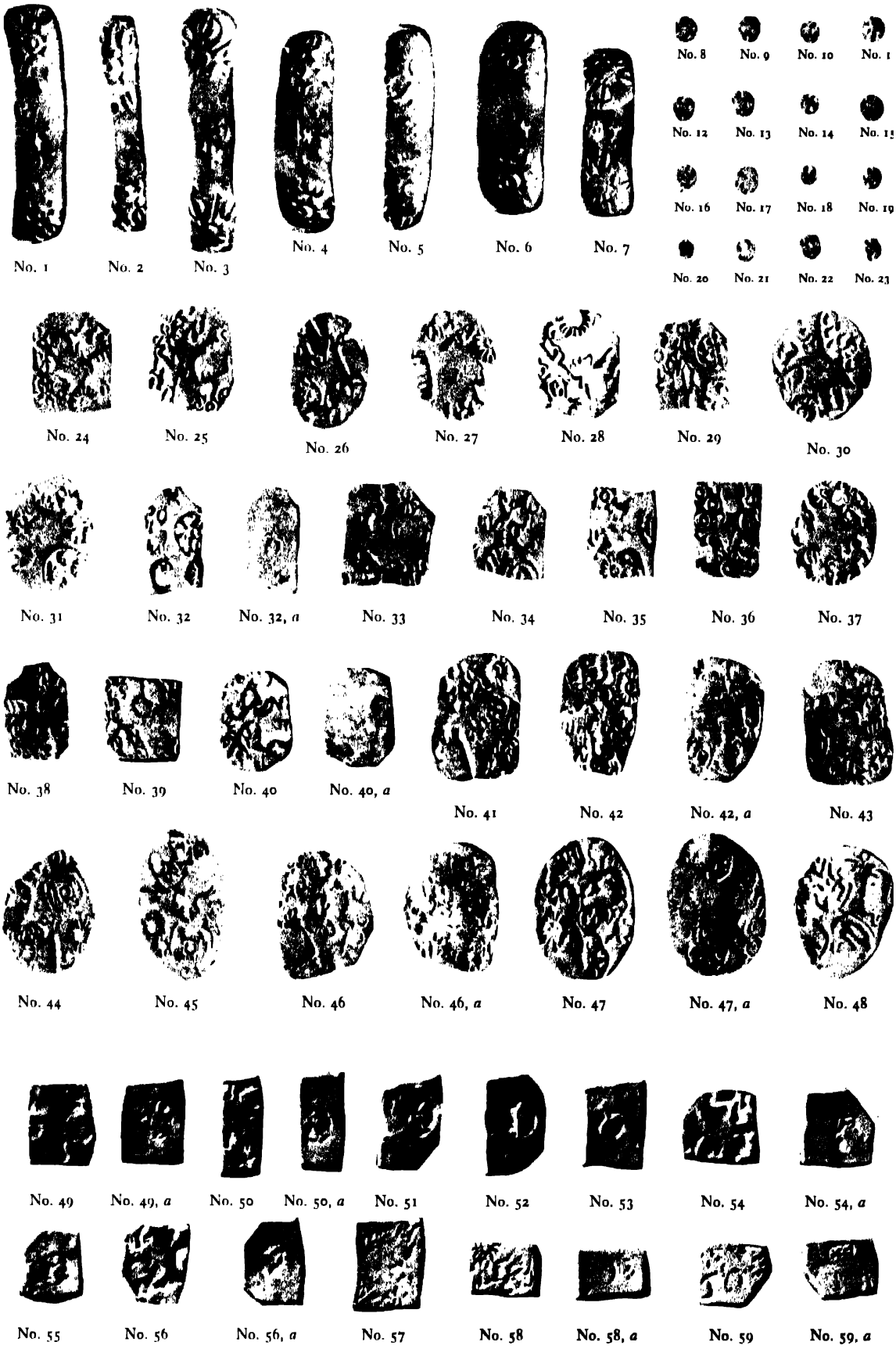
Other reverse marks



Devices on older and later classes of punch-marked coins from the Bhiṛ Mound.

PLATE 234

PUNCH-MARKED COINS

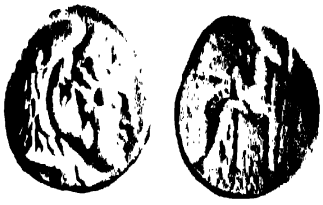


Specimens of older and later classes of punch-marked coins from the Bhir Mound.

No. 1

No. 2

No. 3


No. 4

No. 5

No. 6

No. 7

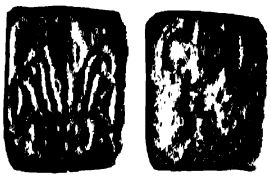
No. 8

No. 9

No. 10

No. 11

No. 12


No. 13

No. 14

No. 15

No. 16

No. 17

No. 18

No. 19

No. 20

No. 21

No. 22

No. 23

No. 24

No. 25

No. 26

No. 27

No. 28

No. 29

No. 30

No. 31

No. 32

No. 33

No. 34

No. 35

No. 36

No. 37

No. 38

No. 39

No. 40

No. 41

No. 42

No. 43

No. 44

No. 45

No. 46

No. 47

No. 48

No. 49

No. 50

No. 51

No. 52

No. 53

No. 54

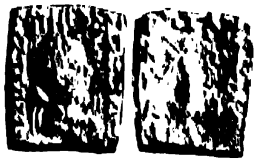
No. 55

No. 56

No. 57

No. 58

No. 59



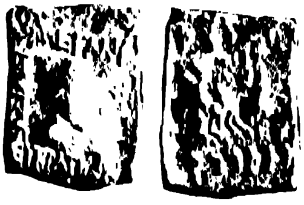
No. 60

No. 61

No. 62

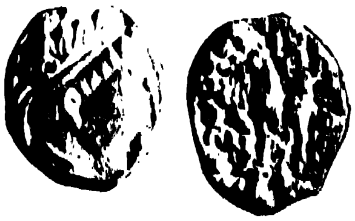
No. 63

No. 64



No. 65

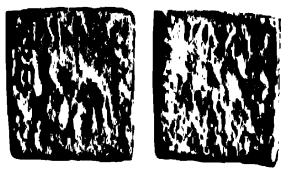
No. 66



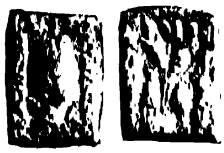
No. 67

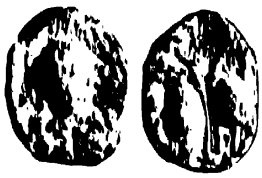
No. 68

No. 69


No. 70

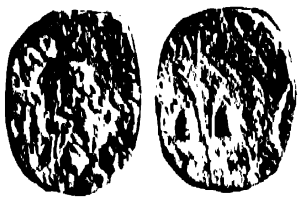
No. 71

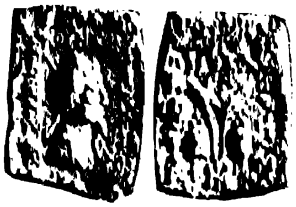

No. 72


No. 73

No. 74

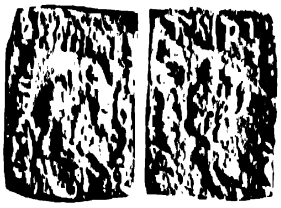
No. 75


No. 76

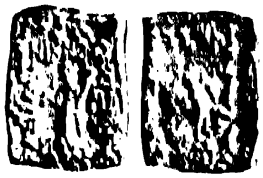

No. 77

No. 78

No. 79

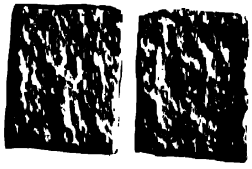

No. 80

No. 81


No. 82

No. 83

No. 84


No. 85

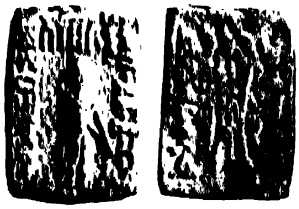
No. 86

No. 87

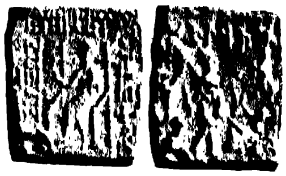
No. 88

No. 89

No. 90


No. 91

No. 92



No. 93

No. 94

No. 95

No. 96

No. 97

No. 98

No. 99

No. 100

No. 101

No. 102

No. 103

No. 104

No. 105

No. 106

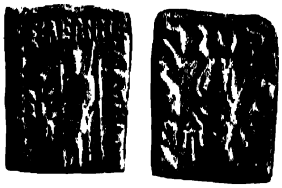
No. 107

No. 108

No. 109

No. 110

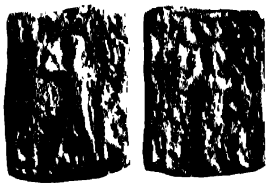
No. 111



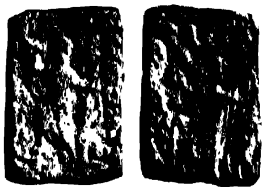
No. 112

No. 113

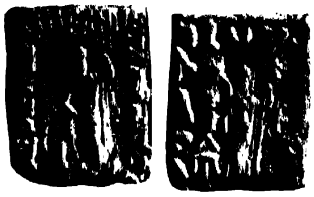
No. 114



No. 115



No. 116



No. 117

No. 118

No. 119

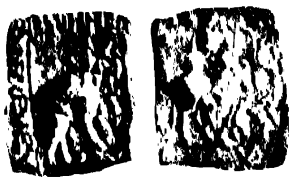
No. 120

No. 121

No. 122

No. 123

No. 124


No. 125

No. 126

No. 127

No. 128

No. 129

No. 130

No. 131

No. 132

No. 133

No. 134

No. 135

No. 136

No. 137

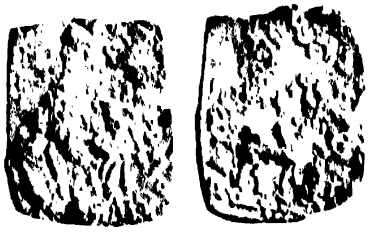
No. 138

No. 139

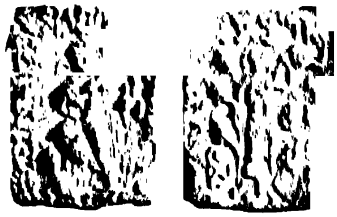
No. 140

No. 141

No. 142

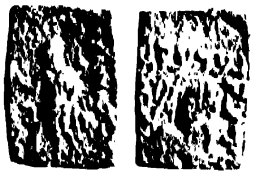

No. 143

No. 144


No. 145

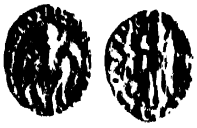
No. 146

No. 147


No. 148

No. 149

No.



No. 150

No. 151

No. 152

No. 153

No. 154

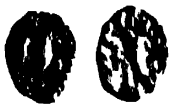
No. 155

No. 156

No. 157

No. 158

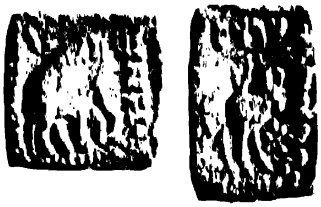
No. 159



No. 160

No. 161

No. 163



No. 164

No. 165

No. 162

No. 166

No. 167

No. 168

No. 169

No. 170

No. 171

No. 172

No. 173

No. 174

No. 175

No. 176

No. 177

No. 178

No. 179

No. 180

No. 181

No. 182

No. 183

No. 184

No. 186

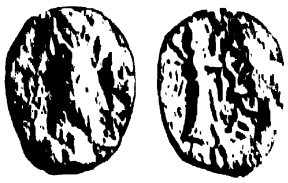
No. 187

No. 188

No. 189

No. 190

No. 191


No. 192

No. 193

No. 194

No. 195

No. 196

No. 197

No. 198

No. 199

No. 200

No. 201

No. 202

No. 203

No. 204

No. 205

No. 206

No. 207

No. 208

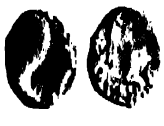
No. 209, *a*

No. 209, *b*

No. 210

No. 211

No. 212


No. 213

No. 214

No. 209, *c*

No. 215

No. 216

No. 217

No. 218

No. 219

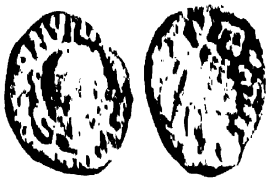
No. 220

No. 221

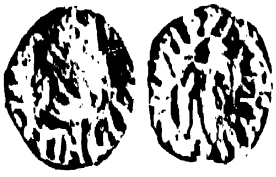
No. 222

No. 223

No. 224

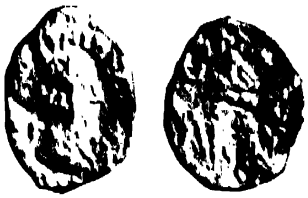


No. 226



No. 228

No. 229



No. 231

No. 232

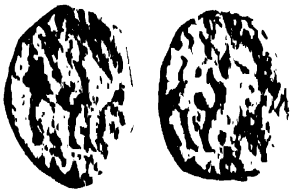
No. 233

No. 234

No. 235

No. 236

No. 237


No. 238

No. 239

No. 240

No. 241

No. 242

No. 243

No. 244

No. 245

No. 246

No. 247

No. 248

No. 249

No. 251

No. 252

No. 253

No. 255

No. 256

No. 254

No. 258

No. 259

No. 260

No. 263

No. 264

No. 265

No. 266

No. 267

No. 268

No. 269

No. 270

No. 271

No. 272

No. 273

No. 274

No. 275

No. 276

No. 277

No. 279

No. 280

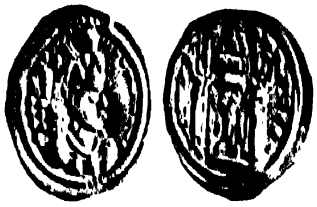
No. 281

No. 282

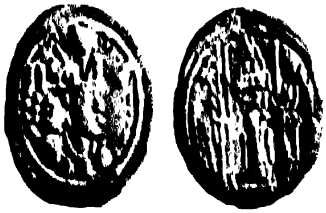
No. 278

No. 283

No. 284



No. 285



No. 287

No. 288

No. 289

No. 290

No. 291

No. 292

No. 293

No. 294

No. 295

No. 296

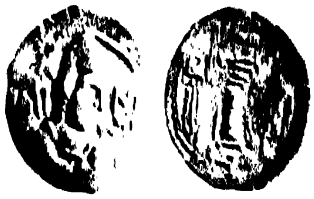
No. 297

No. 298

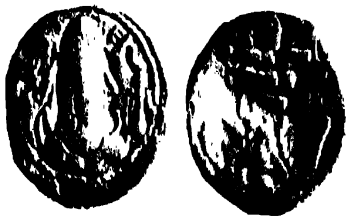
No. 299

No. 300

No. 301



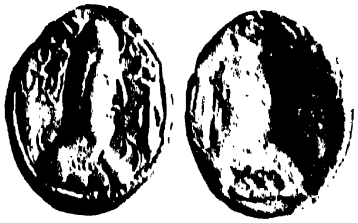
No. 303



No. 304

No. 305

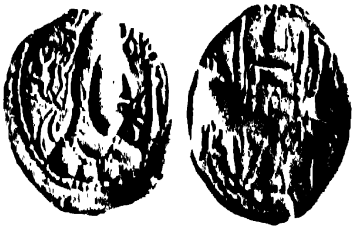
No. 306



No. 307

No. 308

No. 309



No. 310

No. 311

No. 314

No. 312

No. 315

No. 313

No. 316

No. 317

No. 318

No. 319

1418

RARE AND UNIQUE COINS

No. 320

No. 321

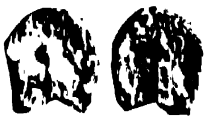
No. 322

No. 323

No. 324

No. 325

No. 326



No. 327

No. 328

No. 329

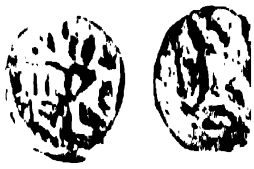
No. 330

No. 331

No. 332

No. 333

No. 334



No. 335

No. 336

No. 337

No. 338

No. 339

No. 340

No. 341

No. 342

No. 343

No. 344

No. 345

No. 346

No. 347

No. 348

No. 349

No. 350

No. 351

No. 352

No. 353

No. 354

No. 355

No. 356

No. 357

No. 358

No. 359